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## Product Datasheet

### Ro 5-3335, CAS [[30195-30-3]] FBM-10-5887

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Article Name               | Ro 5-3335, CAS [[30195-30-3]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Biozol Catalog Number      | FBM-10-5887                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | 10-5887                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | FBM-10-5887-5MG,FBM-10-5887-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product Description        | RUNX1 transcription factor inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Molecular Weight           | 259.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity                     | >98% by TLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CAS Number                 | [30195-30-3]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formula                    | C13H10CIN3O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Application Notes          | Ro 5-3335 was identified in a screen for inhibitors of the RUNX1-CBFbeta interaction. It represses RUNX1/CBFB-dependent transactivation in reporter assays and runx1-dependent hematopoiesis in zebrafish embryos. <sup>1</sup> Ro 5-3335 slows disease progression in various models including acute kidney injury <sup>2</sup> , acute myocardial infarction <sup>3</sup> and osteoarthritis <sup>4</sup> among others <sup>5</sup> . It synergizes with an HDAC inhibitor enhancing the activation of latent HIV-1 in both cell lines and patient PBMCs. <sup>6</sup> |