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## Product Datasheet

### Dovitinib, CAS [[405169-16-6]] FBM-10-2129

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Article Name               | Dovitinib, CAS [[405169-16-6]]                                                                                                                                                                                                                                                                                                                                                                                                              |
| Biozol Catalog Number      | FBM-10-2129                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | 10-2129                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | FBM-10-2129-5MG,FBM-10-2129-25MG                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Description        | Kinase inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Molecular Weight           | 392.43                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Purity                     | 99% by TLC, 99% by HPLC                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Form                       | Yellow-green solid                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CAS Number                 | [405169-16-6]                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formula                    | C21H21FN6O                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes          | Potent kinase inhibitor. Inhibits FLT3 (IC50 = 1 nM), c-KIT (IC50 = 2 nM), FGFR (IC50 = 8 nM), VEGFR1/2/3 (IC50 = 10 nM), PDGFRbeta (IC50 = 27 nM), and CSF-1R (IC50 = 36 nM).1 Active in cell culture and in whole animals. Selectively blocks the growth B9 cells transformed by wild type, or activated mutant FGFR3. Induces apoptosis, or sensitizes cells to induction of apoptosis by other means in a variety of cancer cell lines. |