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## Product Datasheet

### YM-254890, CAS [[568580-02-9]] FBM-10-1590

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | YM-254890, CAS [[568580-02-9]]                                                                                                                                                                                                                                                                                                                                                                                                             |
| Artikelnummer            | FBM-10-1590                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer | 10-1590                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternativnummer         | FBM-10-1590-100UG,FBM-10-1590-1MG                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Produktbeschreibung      | Gq inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Molekulargewicht         | 960.10                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reinheit                 | 95% by HPLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formulierung             | White or off-white lyophilize solid                                                                                                                                                                                                                                                                                                                                                                                                        |
| CAS Nummer               | [568580-02-9]                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Formel                   | C46H69N7O15                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Anwendungsbeschreibung   | YM-254890 is a novel Galphaq/11 inhibitor, <sup>1</sup> U46619-induced platelet aggregation is inhibited but phorbol ester- or ionophore-induced aggregation is not <sup>2</sup> (IC <sub>50</sub> = 0.1-0.2 µM) <sup>1</sup> . It blocks Pasteurella multocida toxin-mediated activation of Galphaq. <sup>3</sup> A highly useful new tool for studying Galphaq/11-coupled receptor signaling and resulting cellular events. <sup>4</sup> |