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## Product Datasheet

### CU-CPT8m, CAS [[125079-83-6]] FBM-10-3374

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|----------------------------|--|
| Article Name               | CU-CPT8m, CAS [[125079-83-6]]  |
| Biozol Catalog Number      | FBM-10-3374  |
| Supplier Catalog Number    | 10-3374  |
| Alternative Catalog Number | FBM-10-3374-5MG, FBM-10-3374-25MG  |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | TLR8 antagonist...   |
| Purity                     | >98% by HPLC, NMR (Conforms)   |
| Form                       | White solid  |
| CAS Number                 | [125079-83-6]  |
| Formula                    | C14H12N4O  |
| Application Notes          | CU-CPT8m is a potent and selective antagonist of toll-like receptor 8 (TLR8) acting via stabilization of the TLR8 homodimer. <sup>1</sup> It inhibits TNFalpha and IL-8 expression induced by the TLR8 agonist resiquimod at 1 mM and suppresses TLR8-mediated proinflammatory signaling in various cell lines, human primary cells and patient specimens. It reverses phenotypes involved in TLR8-activating fibroblasts. <sup>2</sup> CU-CPT8m promotes erythroid cell proliferation and differentiation. <sup>3</sup> |