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Product Datasheet

Mito-Ionidamine FBM-10-5492

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| Artikelname | Mito-Ionidamine |
| Artikelnummer | FBM-10-5492 |
| Hersteller Artikelnummer | 10-5492 |
| Alternativnummer | FBM-10-5492-5MG,FBM-10-5492-25MG |
| Hersteller | Focus Biomolecules |
| Kategorie | Biochemikalien |
| Produktbeschreibung | Mitochondria-targeted antiglycolytic agent... |
| Molekulargewicht | 801.63 |
| Reinheit | >98% by TLC NMR (Conforms) |
| Formulierung | White solid |
| CAS Nummer | [2361564-49-8] |
| Formel | C43H45BrCl2N3OP |
| Anwendungsbeschreibung | Antiglycolytic drug with limited efficacy. ^{1,2} Mito-Ionidamine (2361564-49-8) is Ionidamine conjugated to a triphenylphosphonium moiety via a decyl-linker which is an effective mitochondria-targeting group. ³ Mito-Ionidamine was shown to be 100-fold more potent than Ionidamine. It is a tumor-selective inhibitor of oxidative phosphorylation inhibiting mitochondrial bioenergetics in lung cancer cells and suppressing lung cancer cell viability, growth, progression and metastasis of lung cancer xenografts in mice. ³ |