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Product Datasheet

Mitoguazone 2HCl, CAS [[31959-87-2]] FBM-10-4552

Artikelname	Mitoguazone 2HCl, CAS [[31959-87-2]]
Artikelnummer	FBM-10-4552
Hersteller Artikelnummer	10-4552
Alternativnummer	FBM-10-4552-10MG,FBM-10-4552-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Polyamine biosynthesis inhibitor / SAM decarboxylase inhibitor...
Molekulargewicht	257.13
Reinheit	98% by HPLC, NMR (Confirms)
Formulierung	White solid
CAS Nummer	[31959-87-2]
Formel	C ₅ H ₁₂ N ₈ 2HCl
Anwendungsbeschreibung	Mitoguazone is a potent and reversible inhibitor of S-adenosylmethionine decarboxylase (SAMDC or AdoMetDC). ^{1,2} SAMDC is a component of the polyamine-biosynthetic pathway, thus inhibition may lead to changes in polyamine metabolism. ³ Mitoguazone has also been shown to inhibit diamine oxidase and induce spermidine/spermine N-acetyltransferase. ^{4,5} Mitoguazone has been looked at as a potential anti-cancer treatment because of its ability to inhibit polyamine synthesis. ⁶