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Product Datasheet

Decoyinine, CAS [[2004-04-8]] FBM-10-5149

Artikelname	Decoyinine, CAS [[2004-04-8]]
Artikelnummer	FBM-10-5149
Hersteller Artikelnummer	10-5149
Alternativnummer	FBM-10-5149-1MG,FBM-10-5149-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	GMP synthase inhibitor...
Molekulargewicht	279.26
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[2004-04-8]
Formel	C11H13N5O4
Anwendungsbeschreibung	Decoyinine is a non-competitive and reversible inhibitor of GMP synthase (GMPS, IC50=17.3 mM).1 GMPS was shown to be a positive regulator of invasiveness in melanoma cells and decoyinine reduced invasion of melanoma cells by 30%.2 Decoyinine reduces intracellular levels of GMP, GDP and GTP. Numerous studies of decoyinine in bacteria have been performed showing that guanylates play key roles in bacterial growth, cell wall biosynthesis, sporulation, and pathogenicity.3-5