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Product Datasheet

BMS-833923, CAS [[1059734-66-5]]

FBM-10-3049

Article Name	BMS-833923, CAS [[1059734-66-5]]
Biozol Catalog Number	FBM-10-3049
Supplier Catalog Number	10-3049
Alternative Catalog Number	FBM-10-3049-5MG,FBM-10-3049-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SMO antagonist...
Molecular Weight	473.58
Purity	>98% by HPLC, NMR (Conforms)
Form	Yellow solid
CAS Number	[1059734-66-5]
Formula	C30H27N5O

Application Notes	BMS-833923 (1059734-66-5) is a smoothened (SMO) antagonist. It decreased cell proliferation and induced apoptosis (EC50=10 mM) via the intrinsic pathway in esophageal adenocarcinoma cell lines.1 Ameloblastoma cells with an activating SMO-L412F mutation were insensitive to vismodegib (another SMO antagonist) but BMS-833923 significantly reduced downstream Hedgehog signaling and tumor cell viability.2 In developmental studies BMS-833923 has been characterized as a uniquely effective SMO inhibitor when it was used to show that Sonic hedgehog is functionally dedicated to ray branching during fin regeneration in zebrafish.3 Orally active.