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Product Datasheet

SPHINX, CAS [[848057-98-7]] FBM-10-3044

Artikelname	SPHINX, CAS [[848057-98-7]]
Artikelnummer	FBM-10-3044
Hersteller Artikelnummer	10-3044
Alternativnummer	FBM-10-3044-5MG,FBM-10-3044-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	SRPK1 inhibitor...
Molekulargewicht	354.33
Reinheit	>98% by HPLC NMR (conforms)
Formulierung	White solid
CAS Nummer	[848057-98-7]
Formel	C17H17F3N2O3
Anwendungsbeschreibung	<p>SPHINX is a potent inhibitor of SRPK1 (Serine/arginine-rich protein kinase 1), IC50 = 0.88 uM which is selective over SRPK2 (IC50 > 10 uM).¹ SRPK1 is a splice factor kinase which drives the activity of splice factors such as SRSF1. Inhibition of SRPK1 by SPHINX in K561 leukemia and PC3 prostate cancer cell lines reduced cell proliferation, invasion and migration.² In combination with azacitidine, SPHINX reduced viability and increased apoptosis in the acute myeloid leukemia cell line Kasumi-1.³</p>