

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

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

Article Name	SPHINX, CAS [[848057-98-7]]
Biozol Catalog Number	FBM-10-3044
Supplier Catalog Number	10-3044
Alternative Catalog Number	FBM-10-3044-5MG,FBM-10-3044-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SRPK1 inhibitor...
Molecular Weight	354.33
Purity	>98% by HPLC NMR (conforms)
Form	White solid
CAS Number	[848057-98-7]
Formula	C17H17F3N2O3
Application Notes	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