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Product Datasheet

Fascaplysin, CAS [[114719-57-2]] FBM-10-1517

Article Name	Fascaplysin, CAS [[114719-57-2]]
Biozol Catalog Number	FBM-10-1517
Supplier Catalog Number	10-1517
Alternative Catalog Number	FBM-10-1517-1MG,FBM-10-1517-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CDK4 inhibitor...
Molecular Weight	306.75
Purity	98% by TLC, NMR (Conforms)
Form	Dark red-brown solid
CAS Number	[114719-57-2]
Formula	C ₁₈ H ₁₁ CIN ₂ O ₄
Application Notes	A novel marine natural product isolated from Thorectandra sp1. A potent and selective inhibitor of cyclin dependent kinase 4/cyclin D1 (IC ₅₀ = 0.35 µM) and is less selective for Cdk6/D1 (IC ₅₀ = 3.4 µM). Displays antiangiogenic activity ² . Displays high cytotoxic activity against small cell lung cancer cell lines acting via multiple mechanisms including topoisomerase I, DNA integrity and ROS ³ .