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Product Datasheet

Gliocidin, CAS [[62289-81-0]]

FBM-10-3952

Article Name	Gliocidin, CAS [[62289-81-0]]
Biozol Catalog Number	FBM-10-3952
Supplier Catalog Number	10-3952
Alternative Catalog Number	FBM-10-3952-5MG, FBM-10-3952-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Nicotinamide-mimetic prodrug...
Molecular Weight	204.25
Purity	>98% by HPLC NMR (Conforms)
Form	Pale orange solid
CAS Number	[62289-81-0]
Formula	C10H8N2OS
Application Notes	Gliocidin is a nicotinamide-mimetic prodrug that targets de novo purine biosynthesis vulnerability in glioblastoma (IC50 = 150 nM). ¹ Gliocidin was converted via the NAD ⁺ salvage pathway to gliocidin-adenine dinucleotide with directly interfered with the activity of IMPDH2 resulting in guanylate depletion and cell death. Displays strong blood brain barrier permeability and suppression of glioblastoma in athymic nude mice. Gliocidin showed synergistic effects with temozolomide. Inhibitor of the SARS 3CLPRO protease. ²