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Product Datasheet

Silmitasertib, CAS [[1009820-21-6]]

FBM-10-4809

Article Name	Silmitasertib, CAS [[1009820-21-6]]
Biozol Catalog Number	FBM-10-4809
Supplier Catalog Number	10-4809
Alternative Catalog Number	FBM-10-4809-5MG, FBM-10-4809-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CK2 inhibitor...
Molecular Weight	349.77
Purity	>98% by HPLC NMR (Conforms)
Form	Beige solid
CAS Number	[1009820-21-6]
Formula	C19H12ClN3O2
Application Notes	Silmitasertib is a potent and orally bioavailable inhibitor of casein kinase 2 ($K_i=0.38$ nM) acting at the ATP-binding site. ¹ It has been in preclinical and clinical development for a variety of cancers. ² It inhibits CK2-mediated phosphorylation of the SALL2 tumor suppressor preventing its proteasomal degradation and induces cell death in a variety of tumor cell lines. ³ It inhibits fibroblast-like synoviocytes reducing rheumatoid arthritis disease severity in rodent models ⁴ and inhibits collagen degradation ⁵ .