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Product Datasheet

CLP-3094, CAS [[312749-73-8]]

FBM-10-3382

Article Name	CLP-3094, CAS [[312749-73-8]]
Biozol Catalog Number	FBM-10-3382
Supplier Catalog Number	10-3382
Alternative Catalog Number	FBM-10-3382-5MG, FBM-10-3382-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GPR142 antagonist...
Molecular Weight	304.79
Purity	98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[312749-73-8]
Formula	C15H13ClN2OS
Application Notes	GPR142 is highly expressed in the pancreas and immune system and shares 33% homology with GPR1391. Endogenous agonists identified to date include aromatic amino acids such as tryptophan and phenylalanine ² . CLP-3094 was identified as a potent and selective GPR142 antagonist with an IC ₅₀ =2.3 M against 1 mM L-tryptophan. It inhibited insulin secretion from islets induced by L-tryptophan and other agonists and displayed anti-inflammatory activity in a mouse arthritis model. ³