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Product Datasheet

S1RA, CAS [[1265917-14-3]] FBM-10-4201

Article Name	S1RA, CAS [[1265917-14-3]]
Biozol Catalog Number	FBM-10-4201
Supplier Catalog Number	10-4201
Alternative Catalog Number	FBM-10-4201-5MG,FBM-10-4201-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Sigma-1 antagonist...
Molecular Weight	373.88
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1265917-14-3]
Formula	C20H23N3O2HCl
Application Notes	S1RA (E-52862) is a potent and selective σ_1 antagonist with weak binding at σ_2 (IC50s: σ_1 = 17nM, σ_2 = 9300nM). ^{1,2} S1RA abolished mechanical and thermal hyperalgesia in mice with carrageenan-induced acute inflammation by enhancing the action of endogenous opioid peptides of immune origin in a σ_1 dependent manner. ³ BD1063 potentiated μ -opioid antinociception in mice in a σ -dependent manner. ⁴ S1RA displayed neuroprotective effects in a mouse model of ischemic stroke. ⁵