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Product Datasheet

JNJ-3792165, CAS [[353504-63-9]]

FBM-10-5863

Article Name	JNJ-3792165, CAS [[353504-63-9]]
Biozol Catalog Number	FBM-10-5863
Supplier Catalog Number	10-5863
Alternative Catalog Number	FBM-10-5863-5MG,FBM-10-5863-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GPR139 antagonist...
Molecular Weight	374.27
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[353504-63-9]
Formula	C19H17Cl2 N3O
Application Notes	JNJ-3792165 is a potent and selective antagonist at GPR139, a non-canonical opioid receptor. It has high affinity for human GPR139 ($pK_i = 7.7$, displacement of [3H] JNJ-6353054) and behaves as an antagonist in a [35S]GTPgammaS assay ($pK_b = 7.4$) and calcium mobilization assay.¹ It displayed no significant affinity in a selectivity screen of over 50 other neurotransmitter and neuropeptide receptors (less than 50% inhibition at 1 μM).¹ Completely blocks (10 mM) the effects of optogenetic stimulation of dynorphin release in dynorphinergic neurons of the nucleus accumbens at 10 mM.² JNJ-3792165 is an important new tool for exploring the biology of GPR139.^{3,4}