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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	C <sub>19</sub> H <sub>17</sub> Cl <sub>2</sub> N <sub>3</sub> O
Application Notes	<p>JNJ-3792165 is a potent and selective antagonist at GPR139, a non-canonical opioid receptor. It has high affinity for human GPR139 (pK<sub>i</sub> = 7.7, displacement of [3H] JNJ-6353054) and behaves as an antagonist in a [35S]GTPgammaS assay (pK<sub>b</sub> = 7.4) and calcium mobilization assay.<sup>1</sup> It displayed no significant affinity in a selectivity screen of over 50 other neurotransmitter and neuropeptide receptors (less than 50% inhibition at 1 μM).<sup>1</sup> Completely blocks (10 mM) the effects of optogenetic stimulation of dynorphin release in dynorphinergic neurons of the nucleus accumbens at 10 mM.<sup>2</sup> JNJ-3792165 is an important new tool for exploring the biology of GPR139.<sup>3,4</sup></p>