

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Oladanrigan, CAS [[1316755-16-4]] FBM-10-4957

Article Name	Oladanrigan, CAS [[1316755-16-4]]
Biozol Catalog Number	FBM-10-4957
Supplier Catalog Number	10-4957
Alternative Catalog Number	FBM-10-4957-5MG, FBM-10-4957-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Angiotensin II type 2 receptor antagonist
Molecular Weight	507.59
Purity	>98% by HPLC (NMR Conforms)
Form	Off-white solid
CAS Number	[1316755-16-4]
Formula	C32H29NO5
Application Notes	Potent (IC50 = 39.5 nM) and selective (>10,000-fold selectivity AT2R/AT1R) antagonist of the angiotensin II type 2 receptor. ¹ It produced dose-dependent relief of hindpaw sensitivity in a rat model of neuropathic pain ¹ and showed efficacy in a human trial against postherpetic neuralgia ² . Oladanrigan prevented paclitaxel-associated acute pain syndrome in mice. ³ It blocked visceral hypersensitivity and colonic hyperpermeability in a rat model of irritable bowel syndrome. ⁴ It was also able to inhibit proliferation of AT2R-expressing glioblastoma spheroids and blocked their invasiveness and angiogenic capability. ⁵