



Product Information

Product ID V182705

CAS No. 1286770-55-5

Chemical Name N-(3-(3-amino-5,6-dihydro-2,5-dimethyl-1,1-dioxido-2H-1,2,4-thiadiazin-5-yl)-4-fluorophenyl)-5-fluoro-2-pyridinecarboxamide

Synonym MK-8931, MK8931

Formula C₁₇H₁₇F₂N₅O₃S

Formula Wt. 409.41

Melting Point

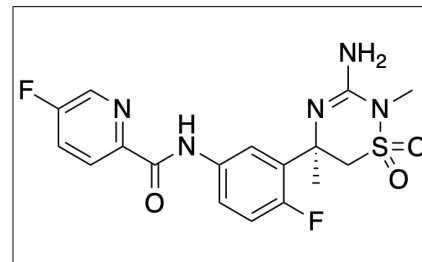
Purity ≥98%

Solubility DMSO:81 mg/mL (197.84 mM); Ethanol:41 mg/mL (100.14 mM); Water: Insoluble

Store Temp -20°C

Ship Temp

Description Verubecestat is a potent and selective beta-secretase inhibitor and BACE1 protein inhibitor. Verubecestat was found to reduce amyloid in plasma, cerebral spinal fluid, and brains in several animal models. However, development of verubecestat as a treatment was halted when it was shown to have no impact on slowing the progression of Alzheimer's disease.
TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V182705	5 mg	\$102.90
V182705	25 mg	\$312.90
V182705	100 mg	\$787.50

References Villarreal S, Zhao F, Hyde LA, et al. Chronic verubecestat treatment suppresses amyloid accumulation in advanced aged Tg2576-AbPPswe mice without inducing microhemorrhage. J Alzheimers Dis. 2017;59(4):1393-1413. PMID: 28800329.

Kennedy ME, Stamford AW, Chen X, et al. The BACE1 inhibitor verubecestat (MK-8931) reduces CNS beta-amyloid in animal models and in Alzheimer's disease patients. Sci Transl Med. 2016 Nov 2;8(363):363ra150. PMID: 27807285.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.