



LKT Laboratories, Inc.

MK-0752

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID M4200

CAS No. 471905-41-6

Chemical Name

Synonym

Formula $C_{21}H_{21}ClF_2O_4S$

Formula Wt. 442.90

Melting Point

Purity $\geq 98\%$

Solubility DMSO 89 mg/mL (200.94 mM)

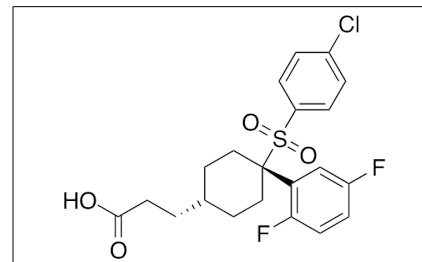
Ethanol 45 mg/mL (101.6 mM)

Water Insoluble

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description MK-0752 is a γ -secretase inhibitor that suppresses Notch signaling and exhibits neuroprotective and anticancer chemotherapeutic activities. This compound decreases the formation of amyloid-B (AB) plaques. MK-0752 is in clinical trials as a potential treatment for brain and CNS-centric cancers.



Bulk quantities available upon request

Product ID	Size
M4200	1 mg
M4200	5 mg
M4200	25 mg

References Hoffman LM, Fouladi M, Olson J, et al. Phase I trial of weekly MK-0752 in children with refractory central nervous system malignancies: a pediatric brain tumor consortium study. *Childs Nerv Syst.* 2015 Aug;31(8):1283-9. PMID: 25930724.

Olson RE, Albright CF. Recent progress in the medicinal chemistry of gamma-secretase inhibitors. *Curr Top Med Chem.* 2008;8(1):17-33. PMID: 18220929.

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