



Product Information

Product ID D0260

CAS No. 208255-80-5

Chemical Name

Synonym GSI-IX

Formula C₂₃H₂₆F₂N₂O₄

Formula Wt. 432.47

Melting Point

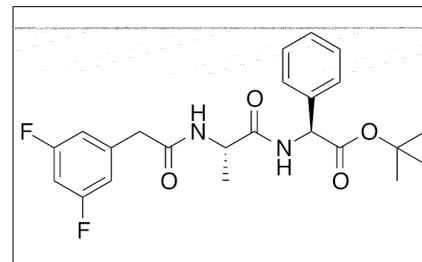
Purity ≥98%

Solubility DMSO: ≥ 215 mg/mL

Store Temp -20°C

Ship Temp Ambient

Description DAPT is a γ-secretase inhibitor that suppresses Notch signaling and exhibits neuroprotective and anticancer activities. DAPT inhibits proliferation of cancer stem cells. It also promotes differentiation of neural stem cells into neurons with Lingo-1 shRNA as a possible treatment for spinal cord injury.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D0260	1 mg	\$67.80
D0260	5 mg	\$118.00
D0260	25 mg	\$421.90

References Liu J, Mao Z, Huang J, et al. Blocking the NOTCH pathway can inhibit the growth of CD133-positive A549 cells and sensitize to chemotherapy. *Biochem Biophys Res Commun.* 2014 Feb 21;444(4):670-5. PMID: 24502949.

Wang J., Ye Z., et al. Lingo-1 shRNA and Notch signaling inhibitor DAPT promote differentiation of neural stem/progenitor cells into neurons. *Brain Res.* 1634:34-44 (2016). PMID: 26607252.

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