



Product Information

Product ID F6803

CAS No. 1232030-35-1

Chemical Name

Synonym FRAX-486

Formula (C₂₅H₂₃Cl₂FN₆O)₂ • H₂O

Formula Wt. 522.40

Melting Point

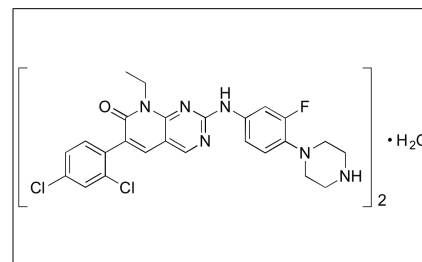
Purity ≥98%

Solubility DMSO 22 mg/mL (42.85 mM)
Water Insoluble
Ethanol Insoluble

Store Temp 4° C

Ship Temp Ambient

Description FRAX486 is an inhibitor of PAK that is currently under investigation as a potential treatment for schizophrenia; it exhibits neuroprotective activity and anti-psychotic potential. In vitro, FRAX486 ameliorates synaptic deterioration induced by DISC1 knockdown. In animal models of fragile X syndrome, FRAX486 rescues seizures and other behavioral abnormalities.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
F6803	1 mg	\$121.80
F6803	5 mg	\$207.50
F6803	10 mg	\$357.70

References Hayashi-Takagi A, Araki Y, Nakamura M, et al. PAKs inhibitors ameliorate schizophrenia-associated dendritic spine deterioration in vitro and in vivo during late adolescence. *Proc Natl Acad Sci U S A*. 2014 Apr 29;111(17):6461-6. PMID: 24706880.

Dolan BM, Duron SG, Campbell DA, et al. Rescue of fragile X syndrome phenotypes in Fmr1 KO mice by the small-molecule PAK inhibitor FRAX486. *Proc Natl Acad Sci U S A*. 2013 Apr 2;110(14):5671-6. PMID: 23509247.

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