



Product Information

NFPS

Cat. No.: X23-12-YM341

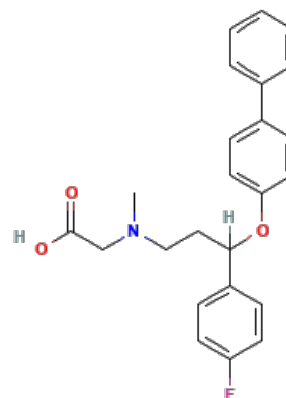
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 405225-21-0

PubChem CID: 5311283

Synonym: 405225-21-0; ALX5407

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	NFPS interferes with or suppresses the transmission of signals between neurons in the nervous system. It targets hGlyT1, and rGlyT1.
Molecular Weight	393.45
Molecular Formula	C ₂₄ H ₂₄ FNO ₃
Targets	hGlyT1: 2.8 nM; rGlyT1: 9.8 nM
IUPAC Name	2-[[3-(4-Fluorophenyl)-3-(4-phenylphenoxy)propyl]-methylamino]acetic acid
InChI	InChI=1S/C24H24FNO3/c1-26(17-24(27)28)16-15-23(20-7-11-21(25)12-8-20)29-22-13-9-19(10-14-22)18-5-3-2-4-6-18/h2-14, 23H, 15-17H2, 1H3, (H, 27, 28)
InChI Key	FDORQEIHOKJNX-UHFFFAOYSA-N
Canonical SMILES	CN(CCC(C1=CC=C(C=C1)F)OC2=CC=C(C=C2)C3=CC=CC=C3)CC(=O)O
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	NFPS can be studied extensively in the context of neuroscience and pharmacology, particularly in relation to its potential therapeutic applications.
Storage	Store at -20°C, and keep desiccated.