CD BioGlyco
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Product Information

AF-353

Cat. No.: X23-12-YM168

Size: 5 mg; 10 mg; 25 mg; 50 mg

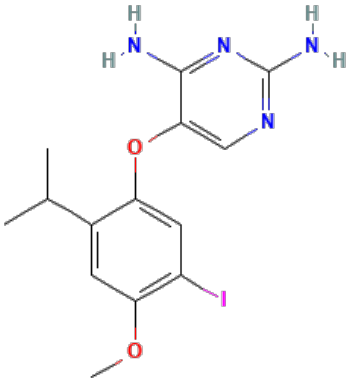
CAS Number: 865305-30-2

PubChem CID: 15953802

Synonym: 865305-30-2; 2, 4-Pyrimidinediamine,

5-[5-iodo-4-methoxy-2-(1-methylethyl)phenoxy]-

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



Product Information

Description	AF-353, soluble in DMSO and ethanol and insoluble in water, interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	400.21
Molecular Formula	$C_{14}H_{17}IN_4O_2$
IUPAC Name	5-(5-Iodo-4-methoxy-2-propan-2-ylphenoxy)pyrimidine-2, 4-diamine
InChI	InChI=1S/C14H17IN4O2/c1-7(2)8-4-11(20-3)9(15)5-10(8)21-12-6-18-14(17)19-13(12)16/h4-7H, 1-3H3, (H4, 16, 17, 18, 19)
InChI Key	AATPYXMXFBBKFO-UHFFFAOYSA-N
Canonical SMILES	CC(C)C1=CC(=C(C=C1OC2=CN=C(N=C2N)N)I)OC
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 86 mg/mL (214.88 mM); Water: insoluble; Ethanol: 3 mg/mL (7.49 mM)
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	AF-353 can be studied extensively for its potential applications in research on diseases of the central and peripheral nervous systems.
Storage	Store at -20℃, and keep desiccated.

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