CD BioGlyco
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Product Information

A 740003

Cat. No.: X23-12-YM116

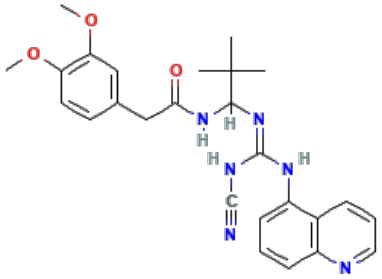
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 861393-28-4

PubChem CID: 11351968

Synonym: 861393-28-4; *N*-(1-{[(Cyanoimino)(5-quinolinylamino)methyl]amino}-2, 2-dimethylpropyl)-2-(3, 4-dimethoxyphenyl)acetamide

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



Product Information

Description	A 740003, 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	474.6
Molecular Formula	$C_{26}H_{30}N_6O_3$
IUPAC Name	*N*-[1-[(*Z*)-[(Cyanoamino)-(quinolin-5-ylamino)methylidene]amino]-2, 2-dimethylpropyl]-2-(3, 4-dimethoxyphenyl)acetamide
InChI	InChI=1S/C26H30N6O3/c1-26(2, 3)24(31-23(33)15-17-11-12-21(34-4)22(14-17)35-5)32-25(29-16-27)30-20-10-6-9-19-18(20)8-7-13-28-19/h6-14, 24H, 15H2, 1-5H3, (H, 31, 33)(H2, 29, 30, 32)
InChI Key	PUHSRMSFDASMAE-UHFFFAOYSA-N
Canonical SMILES	CC(C)(C)C(NC(=O)CC1=CC(=C(C=C1)OC)OC)N=C(NC#N)NC2=CC=CC3=C2C=CC=N3
Isomeric SMILES	CC(C)(C)C(NC(=O)CC1=CC(=C(C=C1)OC)OC)/N=C(\NC#N)/NC2=CC=CC3=C2C=CC=N3
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 85 mg/mL (179.11 mM); Water: insoluble; Ethanol: 1 mg/mL
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	A 740003 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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