

Product Datasheet

SC-79 (orb1305828)

Catalog Number	orb1305828
Category	Small Molecules
Description	SC79 is a blood-brain barrier permeable small molecule that acts as a specific AKT agonist by binding to its PH domain. It activates cytoplasmic AKT while inhibiting its membrane translocation, demonstrating neuroprotective effects in both cellular and animal models of neurological injury.
Target	Kinase
Form/Appearance	powder
Purity	>98%
MW	364.79
Biological Activity	Akt activator
Target Areas	Akt
Solubility (25°C)	Soluble in DMSO (up to 100 mg/ml) or in Ethanol (up to 40 mg/ml with warming).
CAS Number	305834-79-1
Formula	C ₁₇ H ₁₇ ClN ₂ O ₅
SMILES	CCOC(=O)C(C#N)C1C(C(=O)OCC)=C(N)Oc2ccc(Cl)cc12
Chemical Name	2-Amino-6-chloro- α -cyano-3-(ethoxycarbonyl)-4H-1-benzopyran-4-acetic acid ethyl ester
Storage	-20°C
Note	For research use only

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Expiration Date

12 months from date of receipt.

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