

Product Datasheet

SB-583355 (orb3135493)

Catalog Number	orb3135493
Category	Small Molecules
Description	SB-583355 (Compound 56) is a potent G2A antagonist. It is synthesized through a Suzuki reaction of 4-methoxyphenylboronic acid with 3-bromo-4-hydroxybenzoic acid under specific conditions, followed by amide coupling. SB-583355 effectively blocks G2A activation mediated by 9-HOPE or T-10148 in CHO-K1 cells expressing human G2A. This compound is useful for investigating inflammation, myeloid leukemia, and neuropathic pain.
Target	GPCR
MW	472.58
CAS Number	3040121-49-8
Formula	C ₂₉ H ₃₂ N ₂ O ₄
SMILES	<chem>OC=1C(=CC(C(N[C@@H](CC2=CC=CC=C2)C(NC3CCCCC3)=O)=O)=CC1)C4=CC=C(OC)C=C4</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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