

Product Information

PI3K inhibitor NVP-BAG956, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ119

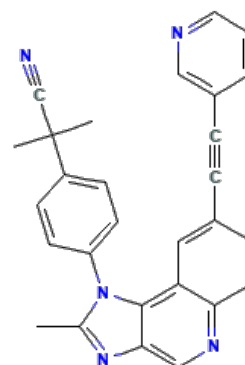
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 853910-02-8

Compound CID: 24882589

Synonym: 853910-02-8; NVP-BAG956; BAG 956; BAG-956; NVP-BAG956 (BAG 956); PI3K inhibitor

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



Product Information

Description	NVP-BAG956 is a potent compound that inhibits PI3 kinase activity. It targets PDK1, PI3K α , PI3K β , PI3K δ , PI3K γ , and VEGFR1.
Molecular Weight	427.5
Molecular Formula	C ₂₈ H ₂₁ N ₅
Targets	PDK1: 240 nM; PI3K α : 56 nM; PI3K β : 446 nM; PI3K δ : 35 nM; PI3K γ : 117 nM; VEGFR1: 2.56 nM
IUPAC Name	2-Methyl-2-[4-[2-methyl-8-(2-pyridin-3-ylethynyl)imidazo[4,5-c]quinolin-1-yl]phenyl]propanenitrile
InChI	InChI=1S/C28H21N5/c1-19-32-26-17-31-25-13-8-20(6-7-21-5-4-14-30-16-21)15-24(25)27(26)33(19)23-11-9-22(10-12-23)28(2,3)18-29/h4-5,8-17H,1-3H3
InChI Key	GVPAGJWVBUZHNQ-UHFFFAOYSA-N
Canonical SMILES	CC1=NC2=CN=C3C=CC(=CC3=C2N1C4=CC=C(C=C4)C(C)(C)C#N)C#CC5=CN=CC=C5
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	NVP-BAG956 can be employed in research on PI3K signaling pathways relevant to cancer.
Storage	Store at -20°C.