

Product Information

PI3K inhibitor MDK34597, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ113

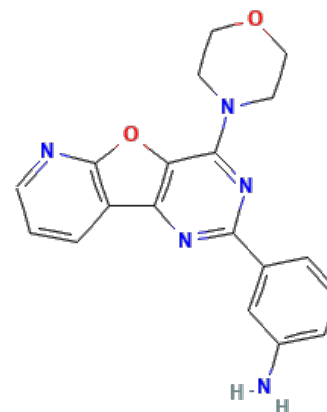
Size: 1000 mg; 2500 mg; 5000 mg

CAS Number: 371934-59-7

Compound CID: 12997487

Synonym: 371934-59-7; MDK 34597; MDK-34597; PI3K inhibitor

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



Product Information

Description	MDK34597 is a potent compound that inhibits PI3 kinase activity.
Molecular Weight	347.37
Molecular Formula	C ₁₉ H ₁₇ N ₅ O ₂
IUPAC Name	3-(6-Morpholin-4-yl-8-oxa-3,5,10-triazatricyclo[7.4.0.0.2,7]trideca-1(9),2(7),3,5,10,12-hexaen-4-yl)aniline
InChI	InChI=1S/C19H17N5O2/c20-13-4-1-3-12(11-13)17-22-15-14-5-2-6-21-19(14)26-16(15)18(23-17)24-7-9-25-10-8-24/h1-6,11H,7-10,20H2
InChI Key	RQPKSOWRJPRYCN-UHFFFAOYSA-N
Canonical SMILES	C1COCCN1C2=NC(=NC3=C2OC4=C3C=CC=N4)C5=CC(=CC=C5)N
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	MDK34597 is useful for studying the pharmacological profile and therapeutic potential of PI3K pathway inhibitors.
Storage	Store at -20°C.