

Product Information

PI3K inhibitor TG 100713, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ164

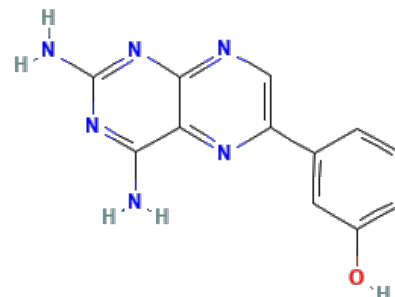
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 925705-73-3

Compound CID: 17751063

Synonym: 925705-73-3; TG100713; PI3K inhibitor

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



Product Information

Description	TG 100713 is a potent compound that inhibits PI3 kinase activity. It targets PI3K α , PI3K β , PI3K δ , and PI3K γ .
Molecular Weight	254.25
Molecular Formula	C ₁₂ H ₁₀ N ₆ O
Targets	PI3K α : 165 nM; PI3K β : 215 nM; PI3K δ : 24 nM; PI3K γ : 50 nM
IUPAC Name	3-(2,4-Diaminopteridin-6-yl)phenol
InChI	InChI=1S/C12H10N6O/c13-10-9-11(18-12(14)17-10)15-5-8(16-9)6-2-1-3-7(19)4-6/h1-5,19H,(H4,13,14,15,17,18)
InChI Key	UOORQSPLBHUQDQ-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC(=C1)O)C2=CN=C3C(=N2)C(=NC(=N3)N)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	TG 100713 is employed to investigate the inhibition of PI3K and its effects on cancer cell survival and proliferation.
Storage	Store at -20°C.