

Product Information

PI3K inhibitor GNE-490, Purity ≥98%

Cat. No.: X24-05-ZQ097

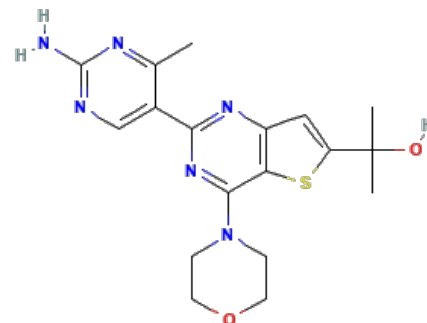
Size: 1 mg; 5 mg; 10 mg

CAS Number: 1033739-92-2

Compound CID: 46180666

Synonym: 1033739-92-2; GNE-490; 2-(2-(2-Amino-4-methylpyrimidin-5-yl)-4-morpholin-4-ylthieno[3,2-d]pyrimidin-6-yl)propan-2-ol; ChEMBL1085178; 2-[2-(2-Amino-4-methylpyrimidin-5-yl)-4-morpholin-4-ylthieno[3,2-d]pyrimidin-6-yl]propan-2-ol; PI3K inhibitor

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



Product Information

Description	GNE-490 is a potent compound that inhibits PI3 kinase activity.
Molecular Weight	400.5
Molecular Formula	C ₁₉ H ₂₄ N ₆ O ₂ S
IUPAC Name	2-[2-(2-Amino-4-methylpyrimidin-5-yl)-4-morpholin-4-ylthieno[3,2-d]pyrimidin-6-yl]propan-2-ol
InChI	InChI=1S/C18H22N6O2S/c1-10-11(9-20-17(19)21-10)15-22-12-8-13(18(2,3)25)27-14(12)16(23-15)24-4-6-26-7-5-24/h8-9,25H,4-7H2,1-3H3,(H2,19,20,21)
InChI Key	SFWTVVNNVHWDEE-UHFFFAOYSA-N
Canonical SMILES	CC1=NC(=NC=C1C2=NC3=C(C(=N2)N4CCOCC4)SC(=C3)C(C)(C)O)N
Form	Lyophilized powder
Purity	≥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	GNE-490 can be applied to investigate cancer pathways affected by PI3Kα inhibition.
Storage	Store at -20°C.