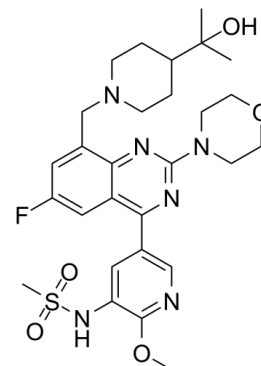


Data Sheet

Product Name:	Linperlisib
Cat. No.:	CS-6973
CAS No.:	1702816-75-8
Molecular Formula:	C ₂₈ H ₃₇ FN ₆ O ₅ S
Molecular Weight:	588.69
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Solubility:	DMSO : 100 mg/mL (169.87 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Linperlisib (YY-20394) is a potent, orally bioavailable and selective inhibitor of **PI3Kδ** extracted from patent WO 2015055071 A1, compound 10; has an **IC₅₀** of 6.4 nM^[1]. **IC₅₀ & Target:** IC₅₀: 6.4 nM (PI3Kδ)^[1] **In Vitro:** Linperlisib (YY-20394) is under the study for the recurrent and/or refractory follicular lymphoma.

References:

[1]. WO 2015055071 A1

CAIndexNames:

Methanesulfonamide, N-[5-[6-fluoro-8-[[4-(1-hydroxy-1-methylethyl)-1-piperidinyl]methyl]-2-(4-morpholinyl)-4-quinazolinyl]-2-methoxy-3-pyridinyl]-

SMILES:

CS(=O)NC1=CC(C2=C3C=C(F)C=C(CN4CCC(C(C)O)CC4)C3=NC(N5CCOCC5)=N2)=CN=C1OC)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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