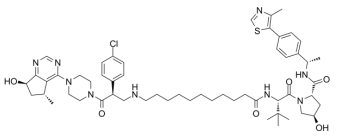
INY-05-040

Cat. No.:	HY-160469
CAS No.:	2503018-29-7
Molecular Formula:	$C_{55}H_{76}ClN_9O_6S$
Molecular Weight:	1026.77
Target:	Akt; PROTACs
Pathway:	PI3K/Akt/mTOR; PROTAC
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (97.39 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	0.9739 mL	4.8696 mL	9.7393 mL
5 mM	0.1948 mL	0.9739 mL	1.9479 mL
10 mM	0.0974 mL	0.4870 mL	0.9739 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

INY-05-040 is a AKT degrader that can selectively and quickly degrade all three AKT isoforms. INY-05-040 can inhibit downstream signaling and cell proliferation in 288 cancer cell lines, with anti-cancer activity[1].

REFERENCES

[1]. Erickson E C, et al. Multi-omic profiling of breast cancer cells uncovers stress MAPK-associated sensitivity to AKT degradation[J]. bioRxiv, 2022: 2022.10. 11.511726.

[2]. Erickson E C, et al. Multi-omic profiling of breast cancer cells uncovers stress MAPK-associated sensitivity to AKT degradation[J]. bioRxiv, 2022: 2022.10. 11.511726.

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

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