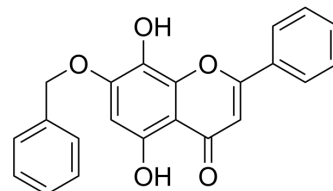


CDK9-IN-10

Cat. No.:	HY-130850
CAS No.:	3542-63-0
Molecular Formula:	C ₂₂ H ₁₆ O ₅
Molecular Weight:	360.36
Target:	CDK; Ligands for Target Protein for PROTAC
Pathway:	Cell Cycle/DNA Damage; PROTAC
Storage:	4°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 (277.50 mM)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.7750 mL	13.8750 mL	27.7500 mL
	5 mM		0.5550 mL	2.7750 mL	5.5500 mL
	10 mM		0.2775 mL	1.3875 mL	2.7750 mL

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

BIOLOGICAL ACTIVITY

Description	CDK9-IN-10 is a potent CDK9 inhibitor. CDK9-IN-10 is the ligand for the PROTAC CDK9 degrader-2 (HY-112811) ^[1] .
IC ₅₀ & Target	CDK9

REFERENCES

[1]. Bian J, et al. Discovery of Wogonin-based PROTACs against CDK9 and capable of achieving antitumor activity. Bioorg Chem. 2018 Dec;81:373-381.

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

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