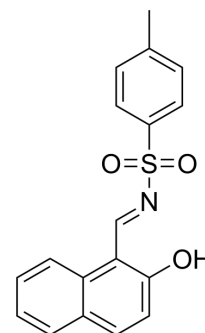


COH34 analog 1

Cat. No.:	HY-115666
CAS No.:	314248-24-3
Molecular Formula:	C ₁₈ H ₁₅ NO ₃ S
Molecular Weight:	325.38
Target:	Poly(ADP-ribose) Glycohydrolase (PARG)
Pathway:	Cell Cycle/DNA Damage
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 (307.33 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0733 mL	15.3666 mL	30.7333 mL
	5 mM	0.6147 mL	3.0733 mL	6.1467 mL
	10 mM	0.3073 mL	1.5367 mL	3.0733 mL

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

BIOLOGICAL ACTIVITY

Description

COH34 analog 1, a metabolite, is an oxidized analog of COH34. COH34 is a potent poly(ADP-ribose) glycohydrolase (PARG) inhibitor^[1].

REFERENCES

[1]. Chen SH, et al. Targeting dePARylation selectively suppresses DNA repair-defective and PARP inhibitor-resistant malignancies. *Sci Adv.* 2019 Apr 10;5(4):eaav4340.

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

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