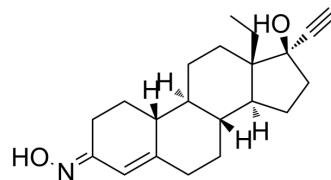


Norgestimate metabolite Norelgestromin

Cat. No.:	HY-G0018		
CAS No.:	53016-31-2		
Molecular Formula:	C ₂₁ H ₂₉ NO ₂		
Molecular Weight:	327.46		
Target:	Drug Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 20 mg/mL (61.08 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.0538 mL	15.2690 mL	30.5381 mL
	5 mM	0.6108 mL	3.0538 mL	6.1076 mL
	10 mM	0.3054 mL	1.5269 mL	3.0538 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2 mg/mL (6.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2 mg/mL (6.11 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2 mg/mL (6.11 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Norgestimate metabolite Norelgestromin is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

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

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