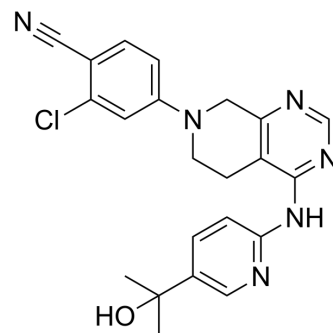


Gumelutamide

Cat. No.:	HY-152850		
CAS No.:	1831085-48-3		
Molecular Formula:	C ₂₂ H ₂₁ ClN ₆ O		
Molecular Weight:	420.89		
Target:	Androgen Receptor		
Pathway:	Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (118.80 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3759 mL	11.8796 mL	23.7592 mL
	5 mM	0.4752 mL	2.3759 mL	4.7518 mL
	10 mM	0.2376 mL	1.1880 mL	2.3759 mL

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

BIOLOGICAL ACTIVITY

Description

Gumelutamide is a tetrahydropyridopyrimidine compound, acting as an antiandrogen, antineoplastic agent. Gumelutamide is an androgen antagonist^{[1][2]}.

REFERENCES

- [1]. Kazuhisa M, et al. Preparation of novel tetrahydropyridopyrimidine compounds, and antiandrogens and antitumor agents containing them: World Intellectual Property Organization, WO2015182712. 2015-12-03.
- [2]. WHO Drug Information-World Health Organization (WHO).

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

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