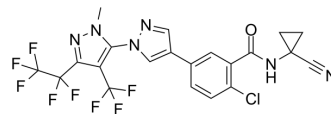


Tigolaner

Cat. No.:	HY-109077
CAS No.:	1621436-41-6
Molecular Formula:	C ₂₁ H ₁₃ ClF ₈ N ₆ O
Molecular Weight:	552.81
Target:	GABA Receptor; Parasite
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Anti-infection
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (45.22 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8089 mL	9.0447 mL	18.0894 mL
5 mM	0.3618 mL	1.8089 mL	3.6179 mL
10 mM	0.1809 mL	0.9045 mL	1.8089 mL

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

BIOLOGICAL ACTIVITY

Description

Tigolaner is a GABA antagonist that regulates chloride channel. Tigolaner is an antiparasitic agent^[1].

REFERENCES

[1]. The use of stems in the selection of International Nonproprietary Names (INN) for pharmaceutical substances 2018 (Stem Book 2018).

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

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