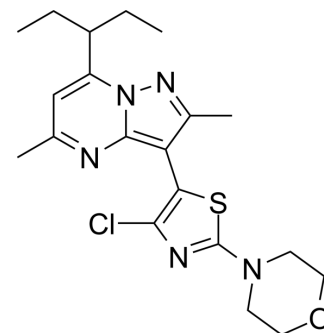


Tildacerfont

Cat. No.:	HY-113603
CAS No.:	1014983-00-6
Molecular Formula:	C ₂₀ H ₂₆ ClN ₅ OS
Molecular Weight:	419.97
Target:	CRFR
Pathway:	GPCR/G Protein
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 : 10 mg/mL (23.81 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3811 mL	11.9056 mL	23.8112 mL
	5 mM	0.4762 mL	2.3811 mL	4.7622 mL
	10 mM	0.2381 mL	1.1906 mL	2.3811 mL

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

BIOLOGICAL ACTIVITY

Description

Tildacerfont is a potent and orally active corticotrophin-releasing factor type 1 (CRF1) receptor antagonist. Tildacerfont effectively reduces adrenocorticotropic hormone (ACTH) and adrenal androgen levels. Tildacerfont has favourable safety profile. Tildacerfont can be used for researching congenital adrenal hyperplasia^[1].

IC₅₀ & Target

CRFR1

REFERENCES

[1]. Prete A, et al. Clinical advances in the pharmacotherapy of congenital adrenal hyperplasia. Eur J Endocrinol. 2021;186(1):R1-R14. Published 2021 Nov 30.

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

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