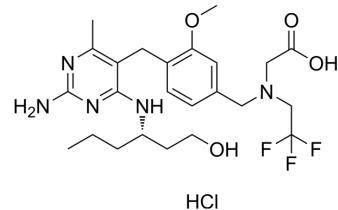


Guretolimod hydrochloride

Cat. No.:	HY-139575A
Molecular Formula:	C ₂₄ H ₃₅ ClF ₃ N ₅ O ₄
Molecular Weight:	550.01
Target:	Toll-like Receptor (TLR)
Pathway:	Immunology/Inflammation
Storage:	-20°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 (181.81 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8181 mL	9.0907 mL	18.1815 mL
	5 mM	0.3636 mL	1.8181 mL	3.6363 mL
	10 mM	0.1818 mL	0.9091 mL	1.8181 mL

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

BIOLOGICAL ACTIVITY

Description

Guretolimod hydrochloride is a Toll-like receptor 7 (TLR7) agonist^[1].

IC₅₀ & Target

TLR7^[1]

REFERENCES

[1]. Hori, et al. Preparation of carboxylic acid compounds as TLR-7 agonists. WO2013172479A1

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA