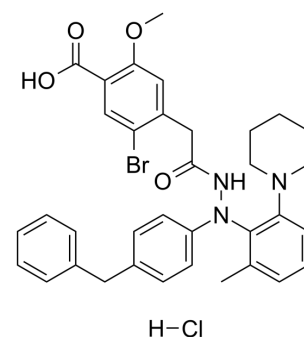


Teslexivir hydrochloride

Cat. No.:	HY-109045A
CAS No.:	1075281-70-7
Molecular Formula:	C ₃₅ H ₃₇ BrClN ₃ O ₄
Molecular Weight:	679.04
Target:	E1/E2/E3 Enzyme; HPV
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (368.17 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.4727 mL	7.3633 mL	14.7267 mL
	5 mM	0.2945 mL	1.4727 mL	2.9453 mL
	10 mM	0.1473 mL	0.7363 mL	1.4727 mL

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

BIOLOGICAL ACTIVITY

Description

Teslexivir (BTA074) hydrochloride is a potent antiviral agent. Teslexivir hydrochloride is a potent and selective inhibitor of the interaction between two essential viral proteins, E1 and E2, an association that is a necessary step in the DNA replication and thus viral production for Human Papilloma Virus (HPV) 6 and 11. Teslexivir hydrochloride can be used for condyloma research^[1].

REFERENCES

[1]. Atta-ur-Rahman. *Frontiers in Clinical Drug Research - Anti Infectives*: Volume 8. 2021, 8, 55-100.

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

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