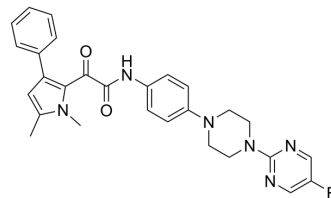


Olorofim

Cat. No.:	HY-104029		
CAS No.:	1928707-56-5		
Molecular Formula:	C ₂₈ H ₂₇ FN ₆ O ₂		
Molecular Weight:	498.55		
Target:	Others		
Pathway:	Others		
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 : 100 mg/mL (200.58 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0058 mL	10.0291 mL	20.0582 mL
	5 mM	0.4012 mL	2.0058 mL	4.0116 mL
	10 mM	0.2006 mL	1.0029 mL	2.0058 mL

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

BIOLOGICAL ACTIVITY

Description

Olorofim (F901318) selectively inhibits fungal dihydroorotate dehydrogenase (DHODH), a key enzyme in the pyrimidine biosynthesis pathway. Olorofim (F901318). Olorofim exhibits excellent activity against *A. fumigatus* and other *Aspergillus* spp.^[1].

IC₅₀ & Target

Dihydroorotate dehydrogenase^[1]

REFERENCES

[1]. Lackner M, et al. Dihydroorotate dehydrogenase inhibitor olorofim exhibits promising activity against all clinically relevant species within *Aspergillus* section *Terrei*. *J Antimicrob Chemother.* 2018 Nov 1;73(11):3068-3073.

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

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