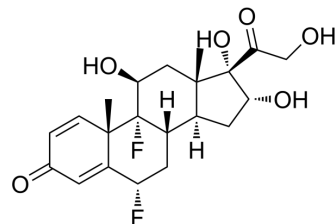


Fluocinolone

Cat. No.:	HY-136642
CAS No.:	807-38-5
Molecular Formula:	C ₂₁ H ₂₆ F ₂ O ₆
Molecular Weight:	412.42
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 31.25 mg/mL (75.77 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.4247 mL	12.1236 mL	24.2471 mL
	5 mM	0.4849 mL	2.4247 mL	4.8494 mL
	10 mM	0.2425 mL	1.2124 mL	2.4247 mL

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

BIOLOGICAL ACTIVITY

Description

Fluocinolone is a corticosteroid that is used to relieve redness, itching, swelling, or other discomfort caused by skin conditions^[1].

REFERENCES

[1]. Y Aizawa, et al. Effect of difluprednate on adrenocortical and gonadal function]. Nihon Yakurigaku Zasshi. 1984 Dec;84(6):553-61.

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

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