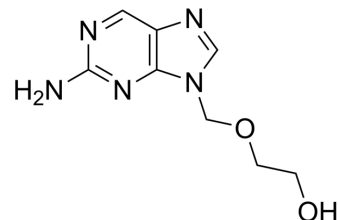


Desciclovir

Cat. No.:	HY-106506		
CAS No.:	84408-37-7		
Molecular Formula:	C ₈ H ₁₁ N ₅ O ₂		
Molecular Weight:	209.21		
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 : 83.33 mg/mL (398.31 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.7799 mL	23.8994 mL	47.7989 mL
	5 mM		0.9560 mL	4.7799 mL	9.5598 mL
	10 mM		0.4780 mL	2.3899 mL	4.7799 mL

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

BIOLOGICAL ACTIVITY

Description

Desciclovir is a potent and orally active proagent of the antiherpetic agent Acyclovir (ACV). Desciclovir is converted to acyclovir in vivo by xanthine oxidase^[1].

REFERENCES

[1]. Krasny HC, et al. Metabolism of desciclovir, a prodrug of acyclovir, in humans after multiple oral dosing. J Clin Pharmacol. 1987; 27(1):74-7.

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

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