



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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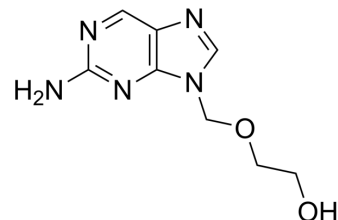
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## Desciclovir

Cat. No.:	HY-106506		
CAS No.:	84408-37-7		
Molecular Formula:	C <sub>8</sub> H <sub>11</sub> N <sub>5</sub> O <sub>2</sub>		
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)

H<sub>2</sub>O : 25 mg/mL (119.50 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 antitherpetic agent Acyclovir (ACV). Desciclovir is converted to acyclovir in vivo by xanthine oxidase<sup>[1]</sup>.

### 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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