



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

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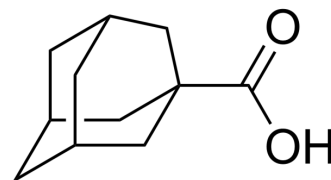
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Adamantane-carboxylic acid

Cat. No.:	HY-W016473		
CAS No.:	828-51-3		
Molecular Formula:	C ₁₁ H ₁₆ O ₂		
Molecular Weight:	180.25		
Target:	Bacterial		
Pathway:	Anti-infection		
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 (554.79 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.5479 mL	27.7393 mL	55.4785 mL
	5 mM	1.1096 mL	5.5479 mL	11.0957 mL
	10 mM	0.5548 mL	2.7739 mL	5.5479 mL

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

BIOLOGICAL ACTIVITY

Description

Adamantane-carboxylic acid is an antibacterial agent that is effective in inhibiting the growth of Gram-positive bacteria but is less sensitive to Gram-negative bacteria^[1].

REFERENCES

[1]. Doležalková I, Janiš R, Buřiková L, et al. Preparation, Characterization and Antibacterial Activity of 1-Monoacylglycerol of Adamantane-1-Carboxylic Acid[J]. Journal of Food Biochemistry, 2013, 37(5): 544-553.

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

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