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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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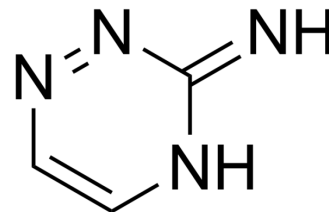
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3-Amino-1,2,4-triazine

Cat. No.:	HY-W004843
CAS No.:	1120-99-6
Molecular Formula:	C ₃ H ₄ N ₄
Molecular Weight:	96.09
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (1040.69 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		10.4069 mL	52.0346 mL	104.0691 mL
		5 mM		2.0814 mL	10.4069 mL	20.8138 mL
		10 mM		1.0407 mL	5.2035 mL	10.4069 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (26.02 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (26.02 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	3-Amino-1,2,4-triazine is an inhibitor of NO synthase, and also inhibits nitrite secretion ^[1] .
In Vitro	3-Amino-1,2,4-triazine (50 mM; 7 h) inhibits NO synthase activity in cytosolic extracts of activated cells ^[1] . 3-Amino-1,2,4-triazine (5-50 mM; 24 h) inhibits both nitrite secretion and parasite killing by activated macrophages ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Buchmüller-Rouiller Y, et al. 3-amino-1,2,4-triazole inhibits macrophage NO synthase. Biochem Biophys Res Commun. 1992 Feb 28;183(1):150-5.

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

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