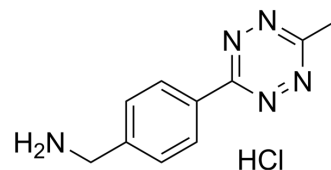


Methyltetrazine-amine hydrochloride

Cat. No.:	HY-135140A
CAS No.:	1596117-29-1
Molecular Formula:	C ₁₀ H ₁₂ ClN ₅
Molecular Weight:	237.69
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (420.72 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.2072 mL	21.0358 mL	42.0716 mL
		5 mM	0.8414 mL	4.2072 mL	8.4143 mL
		10 mM	0.4207 mL	2.1036 mL	4.2072 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 (10.52 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.52 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Methyltetrazine-Amine, a tetrazine compound, is used for the site-specific dual functionalization of the resulting bioconjugates ^[1] .
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REFERENCES

[1]. Antoine Maruani, et al. A Plug-and-Play Approach for the De Novo Generation of Dually Functionalized Bispecifics. *Bioconjug Chem.* 2020 Mar 18;31(3):520-529.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA