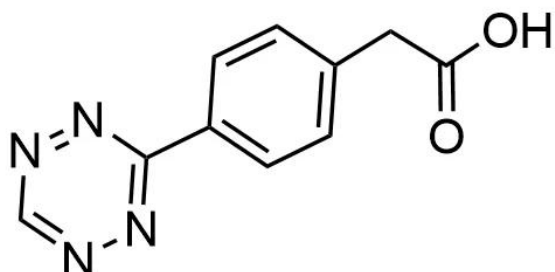


TETRAZINE ACID

SKU: CCT-1124



Description

Tetrazine Acid demonstrates exceptionally fast cycloaddition kinetics (up to $30\,000\text{ M}^{-1}\text{ s}^{-1}$) with *trans*-cyclooctene (TCO) as the dienophile, the fastest kinetics ever reported for any bioorthogonal reaction. The chemical stability tetrazines is substantially lower compared to methyltetrazines, which requires more careful selection of reagents and conditions for chemical transformation, however it is in acceptable range for many applications.

Specifications

Unit Size	25 mg, 100 mg, 500 mg, 1000 mg
Molecular weight	216.20
Chemical composition	C10H8N4O2
CAS	1380500-92-4
Solubility	DMSO, DMF, THF, MeOH
Purity	>95% (HPLC)
Appearance	Red crystalline
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.