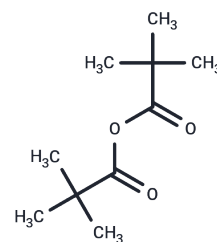


## Trimethylacetic anhydride

## Chemical Properties

CAS No. :	1538-75-6
Formula:	C <sub>10</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight:	186.25
Appearance:	no data available
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Trimethylacetic anhydride (Pivalic anhydride) is used as medical intermediate
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (268.46 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3691 mL	26.8456 mL	53.6913 mL
5 mM	1.0738 mL	5.3691 mL	10.7383 mL
10 mM	0.5369 mL	2.6846 mL	5.3691 mL
50 mM	0.1074 mL	0.5369 mL	1.0738 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Shiina I, et al. Chemistry. 2010 Jan 4;16(1):167-72.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481