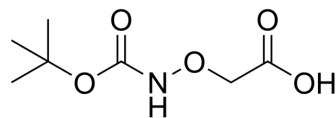


## (Boc-aminoxy)acetic acid

<b>Cat. No.:</b>	HY-W019623		
<b>CAS No.:</b>	42989-85-5		
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>13</sub> NO <sub>5</sub>		
<b>Molecular Weight:</b>	191.18		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	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 (523.07 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	5.2307 mL	26.1534 mL	52.3067 mL
	5 mM	1.0461 mL	5.2307 mL	10.4613 mL
	10 mM	0.5231 mL	2.6153 mL	5.2307 mL

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

### BIOLOGICAL ACTIVITY

#### Description

(Boc-aminoxy)acetic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

#### In Vitro

Protected aminoxyacetic acid derivative for the incorporation of an N-terminal O-alkylhydroxylamine moiety, which is used in the chemoselective ligation of unprotected peptide fragments, for the conjugation to lipids and glycosides, and for the intro

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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