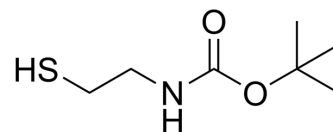


## 2-(Boc-amino)ethanethiol

Cat. No.:	HY-134853
CAS No.:	67385-09-5
Molecular Formula:	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> S
Molecular Weight:	177.26
Target:	Others
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (564.14 mM)

\* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.6414 mL	28.2072 mL	56.4143 mL
	5 mM		1.1283 mL	5.6414 mL	11.2829 mL
	10 mM		0.5641 mL	2.8207 mL	5.6414 mL

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

### BIOLOGICAL ACTIVITY

#### Description

2-(Boc-amino)ethanethiol (compound 35) is a bifunctional cross-linker that can be used in the synthesis of bifunctional azobenzene glycoconjugates<sup>[1]</sup>.

### REFERENCES

[1]. Anne Müller, et al. Synthesis of Bifunctional Azobenzene Glycoconjugates for Cysteine-Based Photosensitive Cross-Linking with Bioactive Peptides. Chemistry. 2015 Sep 21;21(39):13723-31.

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

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