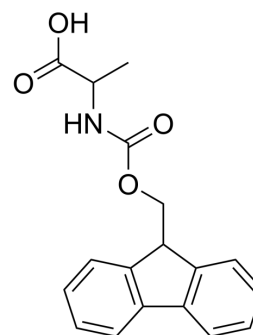


## Fmoc-DL-Ala-OH

Cat. No.:	HY-W052227		
CAS No.:	35661-38-2		
Molecular Formula:	C <sub>18</sub> H <sub>17</sub> NO <sub>4</sub>		
Molecular Weight:	311.33		
Target:	Amino Acid Derivatives		
Pathway:	Others		
Storage:	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 (321.20 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.2120 mL	16.0601 mL	32.1203 mL
	5 mM		0.6424 mL	3.2120 mL	6.4241 mL
	10 mM		0.3212 mL	1.6060 mL	3.2120 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Fmoc-DL-Ala-OH (FMOC-DL-Alanine) is a Fmoc protected alanine derivative<sup>[1]</sup>.

### REFERENCES

[1]. Prior A, et al. Chiral capillary electrophoresis with UV-excited fluorescence detection for the enantioselective analysis of 9-fluorenylmethoxycarbonyl-derivatized amino acids. Anal Bioanal Chem. 2018 Aug;410(20):4979-4990.

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

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