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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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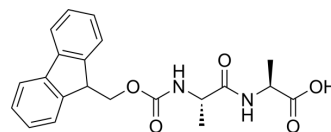
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Fmoc-Ala-Ala-OH

| | | | |
|---------------------------|---|-------|----------|
| Cat. No.: | HY-W048825 | | |
| CAS No.: | 87512-31-0 | | |
| Molecular Formula: | C ₂₁ H ₂₂ N ₂ O ₅ | | |
| Molecular Weight: | 382.41 | | |
| 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 : 12.5 mg/mL (32.69 mM; Need ultrasonic)

| Concentration | Solvent | Mass | | |
|---------------------------|---------|-----------|------------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 2.6150 mL | 13.0750 mL | 26.1499 mL |
| | 5 mM | 0.5230 mL | 2.6150 mL | 5.2300 mL |
| | 10 mM | 0.2615 mL | 1.3075 mL | 2.6150 mL |

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 1.25 mg/mL (3.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 1.25 mg/mL (3.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 1.25 mg/mL (3.27 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Fmoc-Ala-Ala-OH (3) is a self-assemble fluorenylmethoxycarbonyl-dipeptide, which is a smaller amphiphilic building blocks consists dipeptides linked to fluorenylmethoxycarbonyl (Fmoc). Fmoc-Ala-Ala-OH can be used as scaffold materials in 3D cell culture^[1].

REFERENCES

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

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