



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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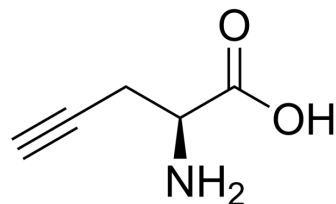
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(S)-2-Aminopent-4-ynoic acid

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-W006064 | | |
| CAS No.: | 23235-01-0 | | |
| Molecular Formula: | C ₅ H ₇ NO ₂ | | |
| Molecular Weight: | 113.11 | | |
| Target: | Others | | |
| 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

H₂O : 50 mg/mL (442.05 mM; Need ultrasonic)

| Concentration | Mass | | |
|---------------|-----------|------------|------------|
| | 1 mg | 5 mg | 10 mg |
| 1 mM | 8.8410 mL | 44.2048 mL | 88.4095 mL |
| 5 mM | 1.7682 mL | 8.8410 mL | 17.6819 mL |
| 10 mM | 0.8841 mL | 4.4205 mL | 8.8410 mL |

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

BIOLOGICAL ACTIVITY

Description

(S)-2-Aminopent-4-ynoic acid is a synthetic amino acid. (S)-2-Aminopent-4-ynoic acid can be used in synthesis of folate-conjugates and corresponding metal-chelate complexes^[1]. (S)-2-Aminopent-4-ynoic acid is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Rudolf Moser, et al. Folate-conjugates and corresponding metal-chelate complexes for use in diagnostic imaging and radiotherapy. WO2008125618A1

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

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