



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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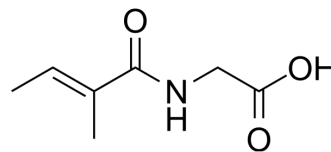
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(E)-2-(2-Methylbut-2-enamido)acetic acid

Cat. No.:	HY-W013652
CAS No.:	35842-45-6
Molecular Formula:	C ₇ H ₁₁ NO ₃
Molecular Weight:	157.17
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	RT, protect from light



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (636.25 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	6.3625 mL	31.8127 mL	63.6254 mL
	5 mM	1.2725 mL	6.3625 mL	12.7251 mL	
	10 mM	0.6363 mL	3.1813 mL	6.3625 mL	

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

BIOLOGICAL ACTIVITY

Description

(E)-2-(2-Methylbut-2-enamido)acetic acid is a [Glycine](#) (HY-Y0966) derivative^[1].

In Vitro

Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances^[1].
 MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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

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