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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

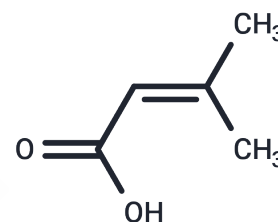
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3-Methylbut-2-enoic acid

Chemical Properties

CAS No. :	541-47-9
Formula:	C ₅ H ₈ O ₂
Molecular Weight:	100.12
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	3-Methylbut-2-enoic acid (Senecioic acid) appears in the urine of patients with 3-Methylcrotonic aciduria, which is a disorder characterized by urine that contains increased amounts of 3-methylcrotonic acid.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (499.4 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.988 mL	49.9401 mL	99.8801 mL
5 mM	1.9976 mL	9.988 mL	19.976 mL
10 mM	0.9988 mL	4.994 mL	9.988 mL
50 mM	0.1998 mL	0.9988 mL	1.9976 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Duran M, et al. Organic acid excretion in a patient with 3-hydroxy-3-methylglutaryl-CoA lyase deficiency: facts and artefacts. Clin Chim Acta. 1978 Dec 1;90(2):187-93.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481