# abcam

## Product datasheet

# alpha-(Methylamino)isobutyric acid, Glutamine transport inhibitor ab120552

### 画像数1

#### 製品の概要

製品名 alpha-(Methylamino)isobutyric acid, Glutamine transport inhibitor

製品の詳細 Glutamine transport inhibitor

生理活性の詳細 Glutamine transport inhibitor. Selective for Na<sup>+</sup>-dependent amino acid transport system A (ATA1

and ATA2) over system B<sup>0</sup> transporters

**CAS 番号** 2566-34-9

構造式

 $H_3C$  N  $CO_2H$   $H_3C$   $CH_3$ 

#### 製品の特性

体系名 2-(Methylamino)-2-methylpropionic acid

分子量 117.15

**分子式** C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>

PubChem 登録番号 75725

保存方法 Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12

months.

溶解性 Soluble in water to 100 mM

使用に関する注意 Wherever possible, you should prepare and use solutions on the same day. However, if you need

to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and

prior to opening the vial we recommend that you allow your product to equilibrate to room

temperature for at least 1 hour.

Refer to SDS for further information

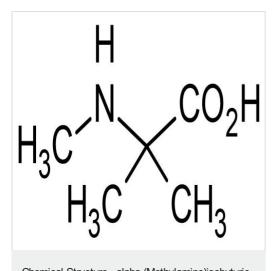
Need more advice on solubility, usage and handling? Please visit our frequently asked

questions (FAQ) page for more details.

SMILES 線形表記 CC(C)(NC)C(=O)O

由来 Synthetic

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2D chemical structure image of ab120552, alpha-(Methylamino)isobutyric acid, Glutamine transport inhibitor

Chemical Structure - alpha-(Methylamino)isobutyric acid, Glutamine transport inhibitor (ab120552)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

#### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- · Valid for 12 months from date of delivery
- · Response to your inquiry within 24 hours
- · We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <a href="https://www.abcam.co.jp/abpromise">https://www.abcam.co.jp/abpromise</a> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team