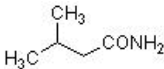


## Product datasheet

# Isovaleramide, Anticonvulsant ab145776

### Overview

<b>Product name</b>	Isovaleramide, Anticonvulsant
<b>Description</b>	Anticonvulsant. Liver alcohol dehydrogenase inhibitor.
<b>Biological description</b>	Anticonvulsant molecule originally isolated from <i>Valeriana pavonii</i> . Non-competitive liver alcohol dehydrogenase inhibitor. Allosteric modulator of the GABA <sub>A</sub> receptor.
<b>CAS Number</b>	541-46-8
<b>Chemical structure</b>	

### Properties

<b>Chemical name</b>	3-Methylbutanamide
<b>Molecular weight</b>	101.15
<b>Molecular formula</b>	C <sub>5</sub> H <sub>11</sub> NO
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM and in ethanol to 100 mM
<b>Handling</b>	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>Source</b>	Synthetic

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

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