

Product datasheet

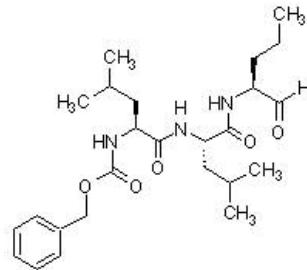
MG-115 (DMSO solution), proteasome inhibitor
ab146625

1 Image

Overview

Product name	MG-115 (DMSO solution), proteasome inhibitor
Description	Potent, reversible proteasome inhibitor
Biological description	Potent, reversible 20S and 26S proteasome inhibitor (K_i values are 21 and 35 nM, respectively). Inhibits chymotrypsin-like activity. Induces p53-dependent apoptosis <i>in vitro</i> . Also available as a solid (ab142118).
Purity	> 95%
CAS Number	133407-86-0

Chemical structure



Properties

Molecular weight	461.59
Molecular formula	$C_{25}H_{39}N_3O_5$
Sequence	LLX (Modifications: N-terminal benzyloxycarbonyl; C-terminal aldehyde; X-3 = Nva)
PubChem identifier	9868928
Storage instructions	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	Supplied in DMSO (10 mM)
Handling	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.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

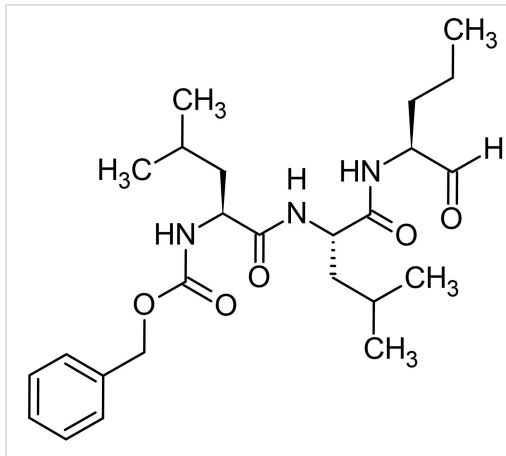
SMILES

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CCC[C@@H](C=O)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CC(C)C)NC(=O)OCC1=CC=CC=C1
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Source

Synthetic

Images



2D chemical structure image of ab146625, MG-115 (DMSO solution), proteasome inhibitor

Chemical Structure - MG-115 (DMSO solution), proteasome inhibitor (ab146625)

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

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