


Product datasheet

Z-Leu-Leu-CHO, Calpain inhibitor ab141720

1 Image

Overview

Product name	Z-Leu-Leu-CHO, Calpain inhibitor
Description	Calpain inhibitor
Biological description	Calpain inhibitor. Attenuates ischemia reperfusion injury <i>in vivo</i> . Cell permeable. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
Chemical structure	

Properties

Molecular weight	362.50
Molecular formula	C ₂₀ H ₃₀ N ₂ O ₄
Sequence	LL (Modifications: N-terminal benzyloxycarbonyl; C-terminal aldehyde)
PubChem identifier	456427
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 50 mM and in ethanol to 50 mM
Handling	<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 frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CC(C)CC(C=O)NC(=O)C(CC(C)C)NC(=O)OCC1=CC=CC=C1</chem>
Source	Synthetic

Images

Z-Leu-Leu-CHO

Chemical Structure - Z-Leu-Leu-CHO, Calpain inhibitor (ab141720)

2D chemical structure image of ab141720, Z-Leu-Leu-CHO, Calpain inhibitor

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

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