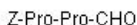


Product datasheet

Z-Prolyl-prolinal (Z-Pro-Pro-CHO), Prolyl endopeptidase inhibitor ab141719

Overview

Product name	Z-Prolyl-prolinal (Z-Pro-Pro-CHO), Prolyl endopeptidase inhibitor
Description	Potent and specific prolyl endopeptidase inhibitor
Biological description	Potent and specific prolyl endopeptidase inhibitor ($K_i = 0.35$ nM). Inhibits the cleavage of arginine-vasopressin and gonadotropin-releasing hormone.
Purity	> 97%
CAS Number	86925-97-5
Chemical structure	

Properties

Molecular weight	330.40
Molecular formula	$C_{18}H_{22}N_2O_4$
Sequence	PP (Modifications: N-terminal benzyloxycarbonyl; C-terminal aldehyde)
PubChem identifier	122623
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 25 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 week. 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>C1CC(N(C1)C(=O)C2CCCN2C(=O)OCC3=CC=CC=C3)C=O</chem>
Source	Synthetic

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