

Product datasheet

Octreotide acetate, somatostatin receptor agonist ab142677

1 Image

Overview

Product name	Octreotide acetate, somatostatin receptor agonist
Description	Potent, long-acting synthetic somatostatin receptor agonist
Biological description	Potent, long-acting synthetic somatostatin receptor agonist. Somatostatin octapeptide analog. Antiproliferative and antiangiogenic. Active <i>in vitro</i> and <i>in vivo</i> .
Purity	> 98%
CAS Number	79517-01-4
Chemical structure	<p>Phe-Cys-Phe-Trp-Lys-Thr-Cys-Thr-OH</p> <p>(Modifications: Thr-8 = C-terminal alcohol; disulfide bridge: 2-7)</p>

Properties

Molecular weight	1019.24
Molecular formula	C ₄₉ H ₆₆ N ₁₀ O ₁₀ S ₂
Sequence	FCFWKTCT (Modifications: C-terminal alcohol; Disulfide bonds: 2-7)
PubChem identifier	383414
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in water
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	CC(C1C(=O)NC(CSSCC(C(=O)NC(C(=O)NC(C(=O)NC(C(=O)N1)CCCCN)CC2=CNC3=CC=C C=C32)CC4=CC=CC=C4)NC(=O)C(CC5=CC=CC=C5)N)C(=O)NC(CO)C(C)O
Source	Synthetic

Images

Phe-Cys-Phe-Trp-Lys-Thr-Cys-Thr-OH

(Modifications: Thr-8 = C-terminal alcohol; disulfide bridge: 2-7)

Chemical Structure - Octreotide acetate, somatostatin receptor agonist (ab142677)

2D chemical structure image of ab142677, Octreotide acetate, somatostatin receptor agonist

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