


Product datasheet

Tuftsins, macrophage activator ab142730

1 Image

Overview

Product name	Tuftsins, macrophage activator
Description	Macrophage, microglial and polymorphonuclear leukocyte activator. Endogenous tetrapeptide.
Biological description	Macrophage, microglial and polymorphonuclear leukocyte activator. Endogenous tetrapeptide. Immunogenic and antitumor agent. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 95%
CAS Number	9063-57-4
Chemical structure	 Thr-Lys-Pro-Arg

Properties

Molecular weight	500.60
Molecular formula	C ₂₁ H ₄₀ N ₈ O ₆
Sequence	TKPR
PubChem identifier	24780
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
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>CC(C(C(=O)NC(CCCCN)C(=O)N1CCCC1C(=O)NC(CCCN=C(N)N)C(=O)O)N)O</chem>
Source	Synthetic

Images

The image shows the chemical structure of Tuftsin, a tetrapeptide consisting of the amino acids Threonine, Lysine, Proline, and Arginine. The structure is represented by the text 'Thr-Lys-Pro-Arg' in a stylized, handwritten font.

Chemical Structure - Tuftsin, macrophage activator
(ab142730)

2D chemical structure image of ab142730, Tuftsin, macrophage activator

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

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