


Product datasheet

DPDPE, delta opioid receptor agonist ab120675

[2 References](#) [1 Image](#)

Overview

Product name	DPDPE, delta opioid receptor agonist
Description	Potent, selective δ opioid receptor agonist
Biological description	Potent and selective δ opioid receptor agonist (K_i values are 14, >1000 and >1000 nM for opioid receptor subtypes δ , κ and μ , respectively). Centrally active following systemic administration.
Purity	> 95%
CAS Number	88373-73-3
Chemical structure	 Tyr-D-Pen-Gly-Phe-D-Pen (Disulfide bridge: 2-5)

Properties

Molecular weight	645.79
Molecular formula	$C_{30}H_{39}N_5O_7S_2$
Sequence	YXGFX (Modifications: X-2 = D-Pen; X-5 = D-Pen; Disulfide bonds: 2-5)
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 1 mg/ml
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>
Source	Synthetic

Images

2D chemical structure image of ab120675, DPDPE, delta opioid receptor agonist

Tyr-D-Pen-Gly-Phe-D-Pen (Disulfide bridge: 2-5)

Chemical Structure - DPDPE, delta opioid receptor agonist (ab120675)

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