

Product datasheet

CGP 42112, AT₂ receptor ligand ab145059

Overview

Product name	CGP 42112, AT ₂ receptor ligand
Description	Potent, selective AT ₂ receptor ligand
Biological description	Potent, selective AT ₂ receptor ligand (K _i = 0.24 nM). Shows agonist effects at proximal tubule AT ₂ receptors. Inhibits Na ⁺ , K ⁺ -ATPase. Inhibits Angiotensin-II induced aortic contraction (IC ₅₀ = 1.9 μM). Induces sodium excretion <i>in vivo</i> .
Purity	> 98%
CAS Number	127060-75-7
Chemical structure	<chem>Nc1ccc(NC(=O)C(CCN(C(=O)O)C)C)cc1</chem>

Properties

Molecular weight	1052.20
Molecular formula	C ₅₂ H ₆₉ N ₁₃ O ₁₁
Sequence	YKHPI (Modifications: N-terminal anicotinoyl; Lys-2 = Lys(N-α-Z-Arg))
PubChem identifier	123794
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
Handling	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
Source	Synthetic

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

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