

Product Information

Ro 90-7501

Cat. No.: X23-12-YM152

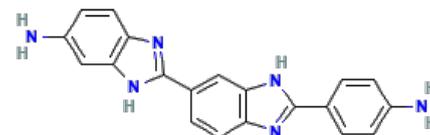
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 293762-45-5

PubChem CID: 824226

Synonym: 293762-45-5;

2-[2-(4-Aminophenyl)-3*H*-benzimidazol-5-yl]-3*H*-benzimidazol-5-amine



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Ro 90-7501 interferes with or suppresses the transmission of signals between neurons in the nervous system. It targets amyloid β 42, Apoptosis, ATM, and protein phosphatase 5.
Molecular Weight	340.39
Molecular Formula	C ₂₀ H ₁₆ N ₆
Targets	Amyloid β 42; Apoptosis; ATM; Protein phosphatase 5
IUPAC Name	2-[2-(4-Aminophenyl)-3 <i>H</i> -benzimidazol-5-yl]-3 <i>H</i> -benzimidazol-5-amine
InChI	InChI=1S/C20H16N6/c21-13-4-1-11(2-5-13)19-23-15-7-3-12(9-17(15)25-19)20-24-16-8-6-14(22)10-18(16)26-20/h1-10H, 21-22H2, (H, 23, 25)(H, 24, 26)
InChI Key	PAGZCEHLFCJSPV-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC=C1C2=NC3=C(N2)C=C(C=C3)C4=NC5=C(N4)C=C(C=C5)N)N
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Ro 90-7501 can be studied as a preoperative medication to decrease respiratory secretions and prevent complications during anesthesia induction, similar to glycopyrrolate.
Storage	Store at -20°C, and keep desiccated.