

A 55453

## Chemical Properties

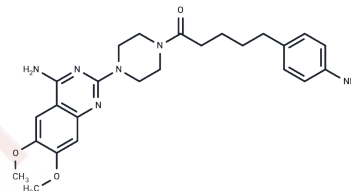
CAS No. : 89687-06-9

Formula: C<sub>25</sub>H<sub>32</sub>N<sub>6</sub>O<sub>3</sub>

Molecular Weight: 464.56

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	A 55453 is a radiated ionophore used as a reversible, high-affinity alpha 1-adrenergic receptor probe.
Targets(IC50)	Others, Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1526 mL	10.7629 mL	21.5257 mL
5 mM	0.4305 mL	2.1526 mL	4.3051 mL
10 mM	0.2153 mL	1.0763 mL	2.1526 mL
50 mM	0.0431 mL	0.2153 mL	0.4305 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Dickinson KE, Leeb-Lundberg LM, Heald SL, Wikberg JE, DeBernardis JF, Caron MG, Lefkowitz RJ. Photoaffinity cross-linking of a radioiodinated probe, 125I-A55453, into alpha 1-adrenergic receptors. Mol Pharmacol. 1984 Sep;26(2):187-95. PubMed PMID: 6090880.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481