

BW-A 575C

Chemical Properties

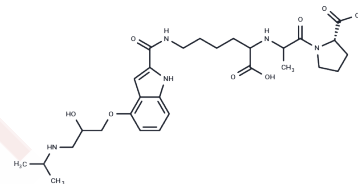
CAS No. : 103221-88-1

Formula: C₂₉H₄₃N₅O₈

Molecular Weight: 589.68

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 | BW-A 575C is an inhibitor of ACE. |
| Targets(IC50) | Others,Adrenergic Receptor,Angiotensin-converting Enzyme (ACE) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6958 mL | 8.4792 mL | 16.9584 mL |
| 5 mM | 0.3392 mL | 1.6958 mL | 3.3917 mL |
| 10 mM | 0.1696 mL | 0.8479 mL | 1.6958 mL |
| 50 mM | 0.0339 mL | 0.1696 mL | 0.3392 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

Cambridge D, Allan G, Hardy GW, Follenfant MJ, Ford A, Oliver PL. BW A575C: pharmacological profile in vivo of a novel angiotensin converting enzyme inhibitor and beta-blocker. J Cardiovasc Pharmacol. 1987;10 Suppl 11:S64-8. PubMed PMID: 2454371.

Cambridge D, Whiting MV, Allan G. Cardiac and renovascular effects in the anaesthetized dog of BW A575C: a novel angiotensin converting enzyme inhibitor with beta-adrenoceptor blocking properties. Br J Pharmacol. 1988 Jan;93(1):165-75. PubMed PMID: 2894874; PubMed Central PMCID: PMC1853785.

Cambridge D, Whiting MV, Butterfield LJ, Allan G. The effects of combined angiotensin converting enzyme inhibition and beta-adrenoceptor blockade on plasma renin activity in anaesthetized dogs. Br J Pharmacol. 1992 Jun;106(2):342-7. PubMed PMID: 1356560; PubMed Central PMCID: PMC1907514.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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