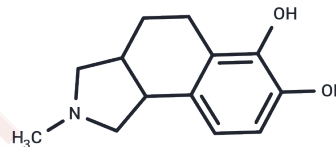


A 53693

## Chemical Properties

CAS No. : 115103-48-5  
 Formula: C<sub>13</sub>H<sub>17</sub>NO<sub>2</sub>  
 Molecular Weight: 219.28  
 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 53693 is a rigid catecholamine and a selective adrenergic agonist. A 53693 has affinity to certain alpha receptor subtypes in rat alpha-2 receptors.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5604 mL	22.8019 mL	45.6038 mL
5 mM	0.9121 mL	4.5604 mL	9.1208 mL
10 mM	0.456 mL	2.2802 mL	4.5604 mL
50 mM	0.0912 mL	0.456 mL	0.9121 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

Hancock AA, Kyncl JJ, Martin YC, DeBernardis JF. Differentiation of alpha-adrenergic receptors using pharmacological evaluation and molecular modeling of selective adrenergic agents. J Recept Res. 1988;8(1-4):23-46. PubMed PMID: 2898529.

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