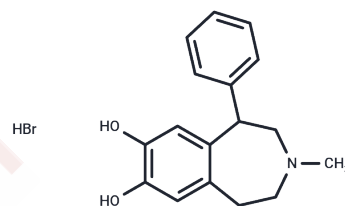


## SKF-75670 Hydrobromide

## Chemical Properties

CAS No. :	62717-63-9
Formula:	C17H20BrNO2
Molecular Weight:	350.25
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	SKF-75670 hydrobromide is an atypical D1DR (dopamine receptor) agonist. It displays agonist activity in vivo and antagonist activity in vitro.
Targets(IC50)	Others,Dopamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8551 mL	14.2755 mL	28.551 mL
5 mM	0.571 mL	2.8551 mL	5.7102 mL
10 mM	0.2855 mL	1.4276 mL	2.8551 mL
50 mM	0.0571 mL	0.2855 mL	0.571 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

DaSilva JN, Wilson AA, Nobrega JN, Jiwa D, Houle S. Synthesis and autoradiographic localization of the dopamine D-1 agonists [11C]SKF 75670 and [11C]SKF 82957 as potential PET radioligands. *Appl Radiat Isot.* 1996 Mar;47(3): 279-84. PubMed PMID: 8935965.

DaSilva JN, Wilson AA, Valente CM, Hussey D, Wilson D, Houle S. In vivo binding of [11C]SKF 75670 and [11C]SKF 82957 in rat brain: two dopamine D-1 receptor agonist ligands. *Life Sci.* 1996;58(19):1661-70. PubMed PMID: 8632703.

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