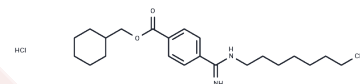


SKF1

## Chemical Properties

CAS No. : 678997-25-6  
 Formula: C<sub>23</sub>H<sub>37</sub>ClN<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 409.01  
 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	SKF1 is a suppressor of the ability of FK506. SKF1 inhibits cell growth in the presence of high levels of NaCl, induces cell death in low salt conditions, interacts directly with yeast mitochondria.
Targets(IC50)	Others, Reactive Oxygen Species, FKBP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4449 mL	12.2246 mL	24.4493 mL
5 mM	0.489 mL	2.4449 mL	4.8899 mL
10 mM	0.2445 mL	1.2225 mL	2.4449 mL
50 mM	0.0489 mL	0.2445 mL	0.489 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

Butcher RA, Schreiber SL. A small molecule suppressor of FK506 that targets the mitochondria and modulates ionic balance in *Saccharomyces cerevisiae*. Chem Biol. 2003 Jun;10(6):521-31. PubMed PMID: 12837385.

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