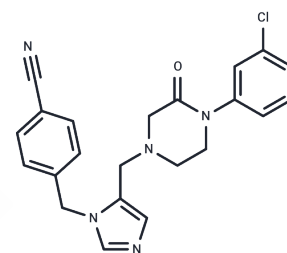


L-778123 free base

## Chemical Properties

CAS No. : 183499-57-2  
 Formula: C<sub>22</sub>H<sub>20</sub>ClN<sub>5</sub>O  
 Molecular Weight: 405.88  
 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	L-778123 is an inhibitor of FPTase and GGPTase-I. The combination of L-778123 and radiotherapy at dose level 1 showed acceptable toxicity in patients with locally advanced pancreatic cancer.
Targets(IC50)	Others, Transferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4638 mL	12.3189 mL	24.6378 mL
5 mM	0.4928 mL	2.4638 mL	4.9276 mL
10 mM	0.2464 mL	1.2319 mL	2.4638 mL
50 mM	0.0493 mL	0.2464 mL	0.4928 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

- Ghasemi S, Davaran S, Sharifi S, Asgari D, Abdollahi A, Shahbazi Mojarrad J. Comparison of Cytotoxic Activity of L778123 as a Farnesyltransferase Inhibitor and Doxorubicin against A549 and HT-29 Cell Lines. *Adv Pharm Bull.* 2013;3(1):73-7. doi: 10.5681/apb.2013.012. Epub 2013 Feb 7. PubMed PMID: 24312815; PubMed Central PMCID: PMC3846042.
- Bayés M, Rabasseda X, Prous JR. Gateways to clinical trials. *Methods Find Exp Clin Pharmacol.* 2003 Jul-Aug;25(6):483-506. PubMed PMID: 12949633.
- Bayés M, Rabasseda X, Prous JR. Gateways to clinical trials. *Methods Find Exp Clin Pharmacol.* 2002 Oct;24(8):525-51. PubMed PMID: 12500432.

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