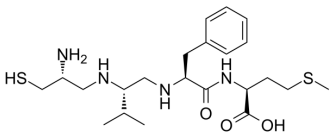
Ftase inhibitor I

Cat. No.:	HY-128044
CAS No.:	149759-96-6
Molecular Formula:	$C_{22}H_{38}N_4O_3S_2$
Molecular Weight:	470.69
Target:	Farnesyl Transferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ftase inhibitor I (B581) is a potent, selective and peptidomimetic farnesyl transferase (FTase) inhibitor. Ftase inhibitor I shows selectivity for FTase over geranylgeranyl isoprenoid (Ras-GG) or the fatty acid myristate (Myr-Ras)[1].
In Vitro	Ftase inhibitor I (B581) inhibits the ability of only Ras-F-transformed cells, but not geranylgeranyl isoprenoid (Ras-GG) or the fatty acid myristate (Myr-Ras)- (or Raf-) transformed cells, to grow in soft agar[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. A D Cox, et al. The CAAX peptidomimetic compound B581 specifically blocks farnesylated, but not geranylgeranylated or myristylated, oncogenic ras signaling and transformation. J Biol Chem. 1994 Jul 29;269(30):19203-6.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA