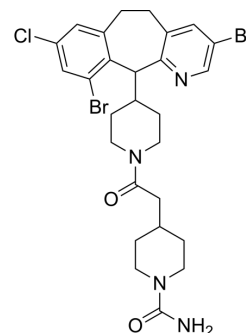


(Rac)-Lonafarnib

Cat. No.:	HY-15136B
CAS No.:	193275-86-4
Molecular Formula:	C ₂₇ H ₃₁ Br ₂ ClN ₄ O ₂
Molecular Weight:	638.82
Target:	Farnesyl Transferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(Rac)-Lonafarnib (Sch66336 racemate) is the racemate of Lonafarnib. Lonafarnib is a potent and orally active farnesyl transferase (FTase) inhibitor. Lonafarnib inhibits the activities of H-ras, K-ras and N-ras with IC₅₀ values of 1.9 nM, 5.2 nM and 2.8 nM, respectively. Lonafarnib also has anti-hepatitis delta virus (HDV) activities^[1].

REFERENCES

[1]. Liu M, et al. Antitumor activity of SCH 66336, an orally bioavailable tricyclic inhibitor of farnesyl protein transferase, in human tumor xenograft models and wap-ras transgenic mice. *Cancer Res.* 1998 Nov 1;58(21):4947-56.

Caution: Product has not been fully validated for medical applications. For research use only.

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