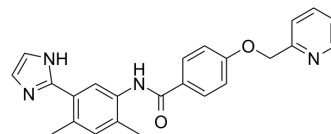


AZD7254

Cat. No.:	HY-147744
CAS No.:	1126366-28-6
Molecular Formula:	C ₂₄ H ₂₂ N ₄ O ₂
Molecular Weight:	398.46
Target:	Smo
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AZD7254 is an orally active Smoothened (SMO) inhibitor with an EC ₅₀ of 1.0 nM against sonic Hh protein (shh) ^[1] .
In Vivo	AZD7254 (40 mg/kg; p.o.; twice daily for 10 days) exhibits 42% tumor growth inhibition in an HT29-MEF (murine embryonic fibroblast) co-implant xenograft model ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yang B, et al. Heteroarylamide smoothened inhibitors: Discovery of N-[2,4-dimethyl-5-(1-methylimidazol-4-yl)phenyl]-4-(2-pyridylmethoxy)benzamide (AZD8542) and N-[5-(1H-imidazol-2-yl)-2,4-dimethyl-phenyl]-4-(2-pyridylmethoxy)benzamide (AZD7254). *Bioorg Med Chem*. 2020 Jan 15;28(2):115227.

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