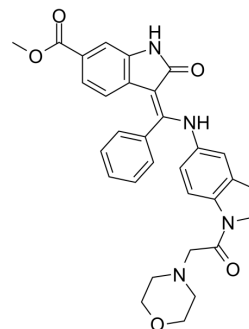


KBP-7018

Cat. No.:	HY-117873
CAS No.:	1613437-66-3
Molecular Formula:	C ₃₁ H ₃₀ N ₄ O ₅
Molecular Weight:	538.59
Target:	c-Kit; RET; PDGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	KBP-7018 is a tyrosine kinase-selective inhibitor. KBP-7018 has potent inhibitory effects on c-KIT, PDGFR, and RET with IC ₅₀ values of 10 nM, 7.6 nM and 25 nM, respectively. KBP-7018 can be used for the research of idiopathic pulmonary fibrosis ^[1] .
IC ₅₀ & Target	IC ₅₀ : c-KIT (10 nM), PDGFR (7.6 nM), and RET (25 nM) ^[1] .

REFERENCES

[1]. Huang Z, et al. Discovery of Indolinone-Based Multikinase Inhibitors as Potential Therapeutics for Idiopathic Pulmonary Fibrosis. ACS Med Chem Lett. 2017 Sep 30;8(11):1142-1147.

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