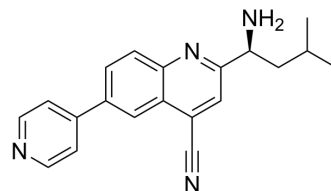


AAK1-IN-2

Cat. No.:	HY-144301
CAS No.:	1802703-21-4
Molecular Formula:	C ₂₀ H ₂₀ N ₄
Molecular Weight:	316.4
Target:	AAK1
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AAK1-IN-2 (compound (S)-31) is a potent, selective and brain-penetrant inhibitor of Adaptor Protein 2-Associated Kinase 1 (AAK1), with an IC ₅₀ of 5.8 nM. AAK1-IN-2 can be used for the research of neuropathic pain ^[1] .
IC ₅₀ & Target	Adaptor Protein 2-Associated Kinase 1 (AAK1) ^[1]

REFERENCES

[1]. Hartz RA, et, al. Bicyclic Heterocyclic Replacement of an Aryl Amide Leading to Potent and Kinase-Selective Adaptor Protein 2-Associated Kinase 1 Inhibitors. J Med Chem. 2022 Mar 10;65(5):4121-4155.

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