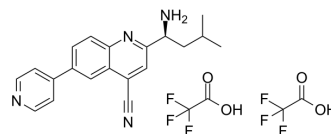


AAK1-IN-2 TFA

Cat. No.:	HY-144301A
CAS No.:	2761587-28-2
Molecular Formula:	C ₂₄ H ₂₂ F ₆ N ₄ O ₄
Molecular Weight:	544.45
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 TFA (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 TFA 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.

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