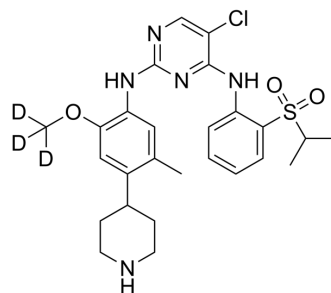


## ALK-IN-6

Cat. No.:	HY-128596
CAS No.:	2055821-33-3
Molecular Formula:	C <sub>26</sub> H <sub>29</sub> D <sub>3</sub> ClN <sub>5</sub> O <sub>3</sub> S
Molecular Weight:	533.1
Target:	Anaplastic lymphoma kinase (ALK)
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	ALK-IN-6 (compound 11) is an orally bioavailable inhibitor of anaplastic lymphoma kinase (ALK), with IC <sub>50</sub> values of 71 nM, 18.72 nM and 36.81 nM for ALK wild, ALK F1196M and ALK F1174L, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 71 nM (ALK wild), 18.72 nM (ALK F1196M), 36.81 nM (ALK F1174L) <sup>[1]</sup> .

## REFERENCES

[1]. Das D, et al. Design, synthesis of orally bioavailable novel anaplastic lymphoma kinase (ALK) inhibitor diphenylaminopyrimidine analogs and efficacy study on NCI-H2228 xenografts mice model. *Bioorg Med Chem Lett*. 2019 Jun 15;29(12):1514-1517.

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

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