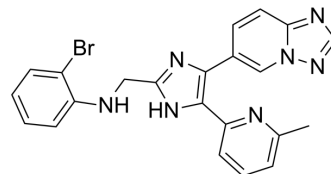


ALK5-IN-10

Cat. No.:	HY-151233
CAS No.:	1352608-94-6
Molecular Formula:	C ₂₂ H ₁₈ BrN ₇
Molecular Weight:	460.33
Target:	TGF-β Receptor
Pathway:	TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ALK5-IN-10 (Compound 5d) is a TGF-β type I receptor kinase ALK5 inhibitor, with IC₅₀s of 0.007 and 1.98 μM for ALK5 and p38 α, respectively. ALK5-IN-10 can be used for the research of cancer^[1].

REFERENCES

[1]. Jin C H, et al. Discovery of N-((4-([1, 2, 4] Triazolo [1, 5-a] Pyridin-6-yl)-5-(6-Methylpyridin-2-yl)-1 H-Imidazol-2-yl) methyl)-2-Fluoroaniline (EW-7197): a highly potent, selective, and orally bioavailable inhibitor of TGF-β type I receptor kinase as cancer immunotherapeutic/antifibrotic agent. Journal of medicinal chemistry. 2014, 57(10): 4213-4238.

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

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