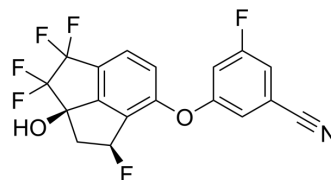


Imdatifan

Cat. No.:	HY-148264
CAS No.:	2511247-29-1
Molecular Formula:	C ₁₈ H ₉ F ₆ NO ₂
Molecular Weight:	385.26
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Imdatifan (HIF-2 α -IN-7) is a hypoxia inducible factor 2 α (HIF-2 α) inhibitor. Imdatifan can inhibit HIF-2 α with an EC ₅₀ value of 6 nM. Imdatifan can be used for the research of various types of diseases including cancer, liver disease, inflammatory disease, pulmonary diseases and iron load disorders ^[1] .
IC ₅₀ & Target	EC ₅₀ : 6nM (HIF-2 α) ^[1]
In Vitro	Imdatifan has inhibitory activity for HIF-2 α with an EC ₅₀ value of 6nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jiping Fu, et al. Tetrahydro-1h-cyclopenta[cd]indene derivatives as hypoxia inducible factor-2(alpha) inhibitors. Patent. WO2020214853A1.

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

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