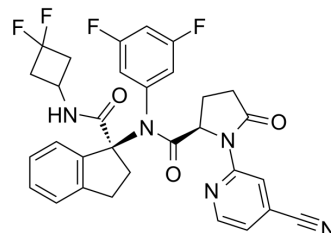


IDH1 Inhibitor 3

Cat. No.:	HY-107977
CAS No.:	2171081-24-4
Molecular Formula:	C ₃₁ H ₂₅ F ₄ N ₅ O ₃
Molecular Weight:	591.56
Target:	Isocitrate Dehydrogenase (IDH)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	IDH1 Inhibitor 3 (compound 6f) is a mutant isocitric dehydrogenase 1 (IDH1) inhibitor, with an IC ₅₀ of 45 nM for IDH1 ^{R132H} [1].
IC ₅₀ & Target	IC ₅₀ : 45 nM (IDH1 ^{R132H})[1].

REFERENCES

[1]. Qiangang Zheng, et al. Discovery and structure-activity-relationship study of novel conformationally restricted indane analogues for mutant isocitric dehydrogenase 1 (IDH1) inhibitors. *Bioorganic & Medicinal Chemistry Letters* 27 (2017) 5262-5266.

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

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