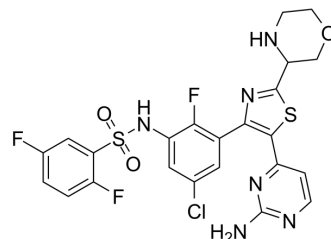


B-Raf IN 5

Cat. No.:	HY-142820
CAS No.:	2648698-30-8
Molecular Formula:	C ₂₃ H ₁₈ ClF ₃ N ₆ O ₃ S ₂
Molecular Weight:	583.01
Target:	Raf
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

B-Raf IN 5 (compound 3b) is a potent inhibitor of protein kinase B-Raf with an IC₅₀ of 2.0 nM. B-Raf IN 5 is devoid of binding to the secondary target PXR and resists rapid metabolism. B-Raf IN 6 has the potential for the research of cancer disease^[1].

REFERENCES

[1]. Schneider M, et al. Structure-Based and Knowledge-Informed Design of B-Raf Inhibitors Devoid of Deleterious PXR Binding. *J Med Chem.* 2022;65(2):1552-1566.

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

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