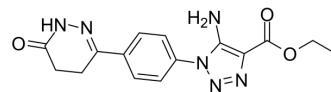


B-Raf IN 7

Cat. No.:	HY-147852
CAS No.:	2477725-07-6
Molecular Formula:	C ₁₅ H ₁₆ N ₆ O ₃
Molecular Weight:	328.33
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 7 (compound 6a) is a potent B-Raf inhibitor, with an IC ₅₀ of 110.23 nM. B-Raf IN 7 exhibits antitumor activity against colon carcinoma (HCT-116), mammary gland (MCF-7), hepatocellular carcinoma (HEPG-2), human cervical carcinoma (Hela) and human prostate cancer (PC-3) cells, with IC ₅₀ values of 7.50, 9.87, 10.57, 11.63 and 12.83 μM ^[1] .
IC ₅₀ & Target	B-Raf 110.23 ± 0 nM (IC ₅₀)

REFERENCES

[1]. Thabit MG, et al. Design, synthesis and molecular modeling of phenyl dihydropyridazinone derivatives as B-Raf inhibitors with anticancer activity. Bioorg Chem. 2020 Oct;103:104148.

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

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