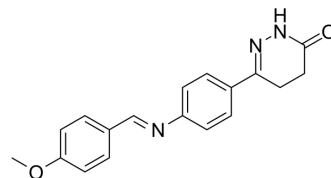


B-Raf IN 8

Cat. No.:	HY-147853
CAS No.:	1215313-19-1
Molecular Formula:	C ₁₈ H ₁₇ N ₃ O ₂
Molecular Weight:	307.35
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 8 (compound 7g) is a potent B-Raf inhibitor, with an IC ₅₀ of 70.65 nM. B-Raf IN 8 exhibits antitumor activity against hepatocellular carcinoma (HEPG-2), colon carcinoma (HCT-116), mammary gland (MCF-7) and human prostate cancer (PC-3) cells, with IC ₅₀ values of 9.78, 13.78, 18.52 and 29.85 μM ^[1] .
IC ₅₀ & Target	B-Raf 70.65 ± 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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