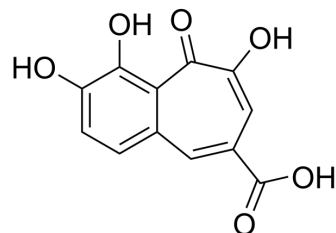


SHP2-IN-5

Cat. No.:	HY-130631
CAS No.:	54755-93-0
Molecular Formula:	C ₁₂ H ₈ O ₆
Molecular Weight:	248.19
Target:	SHP2
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SHP2-IN-5 (compound 1) is an inhibitor of SHP2 (IC ₅₀ : 97 nM). SHP2 is a non-receptor protein tyrosine phosphatase associated with cell growth and proliferation. SHP2-IN-5 has the potential to inhibit cancer and SHP2-related human diseases ^[1] .
IC ₅₀ & Target	IC50: 97 nM (SHP2) ^[1]

REFERENCES

[1]. Kim B, et al. Development and structure-activity relationship study of SHP2 inhibitor containing 3, 4, 6-trihydroxy-5-oxo-5H-benzo [7] annulene[J]. Bioorganic & Medicinal Chemistry Letters, 2020, 30(1): 126756.. .

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

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