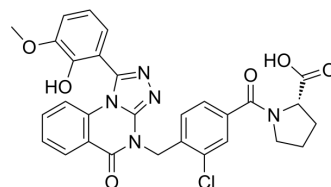


## SHP844

Cat. No.:	HY-125260
CAS No.:	2222280-82-0
Molecular Formula:	C <sub>29</sub> H <sub>24</sub> ClN <sub>5</sub> O <sub>6</sub>
Molecular Weight:	573.98
Target:	SHP2
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

SHP844 is a SHP2 inhibitor with the IC<sub>50</sub> of 18.9 μM. SHP2 is a protein tyrosine phosphatase (PTP) that regulates tyrosine phosphorylation levels and is involved in cell proliferation, differentiation and survival<sup>[1]</sup>.

## REFERENCES

[1]. Michelle Fodor, et al. Dual Allosteric Inhibition of SHP2 Phosphatase. ACS Chem Biol. 2018 Mar 16;13(3):647-656.

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

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