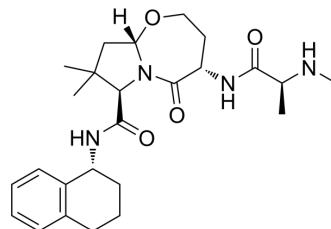


## (7R)-SBP-0636457

Cat. No.:	HY-125378A
CAS No.:	1422180-61-7
Molecular Formula:	C <sub>25</sub> H <sub>36</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	456.58
Target:	Others
Pathway:	Others
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### BIOLOGICAL ACTIVITY

<b>Description</b>	(7R)-SBP-0636457 is the isomer of SBP-0636457 (HY-125378), and can be used as an experimental control. SBP-0636457 (SB1-0636457) is a SMAC mimetic, and as an IAP antagonist. SBP-0636457 binds to the BIR-domains of the IAP proteins, with a K <sub>i</sub> of 0.27 μM. SBP-0636457 can be used for the research of solid tumors and hematologic cancers <sup>[1][2]</sup> .
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### REFERENCES

- [1]. Finlay D, et, al. Small-molecule IAP antagonists sensitize cancer cells to TRAIL-induced apoptosis: roles of XIAP and cIAPs. *Mol Cancer Ther.* 2014 Jan; 13(1): 5-15.
- [2]. Finlay D, et, al. Inducing death in tumor cells: roles of the inhibitor of apoptosis proteins. *F1000Res.* 2017 Apr 27; 6:587.

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

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