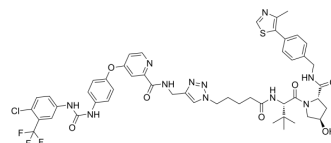


## SA-VA

Cat. No.:	HY-155685
Molecular Formula:	C <sub>50</sub> H <sub>53</sub> ClF <sub>3</sub> N <sub>11</sub> O <sub>7</sub> S
Molecular Weight:	1044.54
Target:	PROTACs; VEGFR; Ephrin Receptor; Apoptosis
Pathway:	PROTAC; Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

SA-VA is an intracellular self-assembled PROTAC based on azide and alkyne. SA-VA is able to selectively degrade VEGFR-2 and EphB4 proteins in U87 cells. SA-VA can be converted to PROTAC in situ by click reaction with the help of endogenous copper in tumor tissues. SA-VA promotes apoptosis and blocks cells in S phase<sup>[1]</sup>.

### IC<sub>50</sub> & Target

VHL	VEGFR-2	EphB4
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## REFERENCES

[1]. Ru Si, et al. Discovery of intracellular self-assembly protein degraders driven by tumor-specific activatable bioorthogonal reaction. *Eur J Med Chem.* 2023 Sep 5;257:115497.

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

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