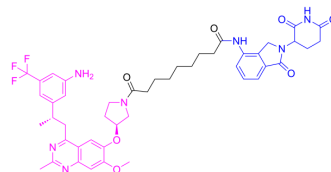


## LHF418

Cat. No.:	HY-161450
Molecular Formula:	C <sub>46</sub> H <sub>52</sub> F <sub>3</sub> N <sub>7</sub> O <sub>7</sub>
Molecular Weight:	871.94
Target:	PROTACs; Ras
Pathway:	PROTAC; GPCR/G Protein; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

LHF418 is an effective SOS1 PROTAC degrader with a DC<sub>50</sub> value of 209.4 nM in A549 cells. LHF418 can effectively inhibit RAS signaling and colony formation in KRAS-driven cancer cells. (Structural note: (Blue: Cereblon ligand (HY-A0003), Black: linker; Pink: SOS1 binder SOS1 Ligand intermediate-3 (HY-161452))<sup>[1]</sup>).

### REFERENCES

[1]. Li H, et al. Discovery of LHF418 as a new potent SOS1 PROTAC degrader. *Bioorg Med Chem.* 2024;103:117661.

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

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