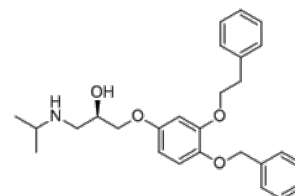


Product Name : p62-ZZ ligand YOK-1304
Cat. No. : PC-72925
CAS No. : 2409960-02-5
Molecular Formula : C₂₇H₃₃NO₄
Molecular Weight : 435.564
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

YOK-1304 is a small molecule **p62-ZZ domain** ligand, activate p62-dependent selective macroautophag, used for AUTOTAC design.

AUTophagy-TArgeting Chimera (AUTOTAC) is a general chemical tool and platform technology, which employs bifunctional molecules composed of target-binding ligands linked to autophagy-targeting ligands.

AUTOTACs bind the ZZ domain of the otherwise dormant autophagy receptor p62/Sequestosome-1/SQSTM1, which is activated into oligomeric bodies in complex with targets for their sequestration and degradation.

References

Chang Hoon Ji, et al. *Nat Commun.* 2022 Feb 16;13(1):904.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com