

Data Sheet

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 Product Name
 : BI-3663

 Cat. No.
 : PC-36067

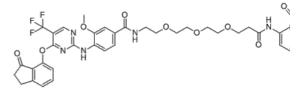
 CAS No.
 : 2341740-84-7

 Molecular Formula
 : C₄₄H₄₂F₃N₇O₁₂

Molecular Weight : 917.84

Target : PROTAC

Solubility : 10 mM in DMSO



Biological Activity

BI-3663 (BI 3663) is a cereblon-based degrader (PROTAC) of Focal adhesion tyrosine kinase (**PTK2/FAK**) with a median DC50 of 30 nM to >80% across a panel of eleven HCC cell lines.

BI-3663 degraded PTK2 potently (DC50 = 27 nM) with a maximally obtainable degradation at the chosen experimental conditions of 95% (Dmax) in human lung adenocarcinoma cell line A549 after 16 hours treatment.

BI-3663 does not phenocopy the reported antiproliferative effects of PTK2 depletion in any of the cell lines tested.

References

Popow J, et al. *J Med Chem*. 2019 Feb 9. doi: 10.1021/acs.jmedchem.8b01826.

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

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