



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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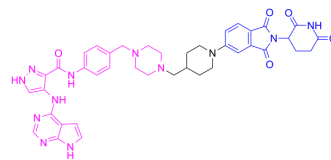
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## PROTAC FLT3/CDKs degrader-1

Cat. No.:	HY-161708
Molecular Formula:	C <sub>40</sub> H <sub>42</sub> N <sub>12</sub> O <sub>5</sub>
Molecular Weight:	770.84
Target:	PROTACs; CDK; FLT3
Pathway:	PROTAC; Cell Cycle/DNA Damage; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PROTAC FLT3/CDKs degrader-1 (Compound C3) is a degrader for cyclin-dependent kinases (DC <sub>50</sub> is 18.73 nM for CDK2) and the FMS-like tyrosine kinase 3 (FLT3). PROTAC FLT3/CDKs degrader-1 induces differentiation of HL-60 (72.77% differentiation at 6.25 nM), inhibits proliferation of AML cells, with IC <sub>50</sub> s of 2.9-37 nM. PROTAC FLT3/CDKs degrader-1 is potential for ameliorating acute myeloid leukemia. (Pink: ligand for target protein FLT3/CDKs ligand-1 (HY-161709); Black: linker (HY-W012935); Black: ligand for E3 ligase Thalidomide 5-fluoride (HY-W087383)) <sup>[1]</sup>
IC <sub>50</sub> & Target	CDK2 18.73 nM (DC <sub>50</sub> )

### REFERENCES

[1]. Barik S. Expression and biochemical properties of a protein serine/threonine phosphatase encoded by bacteriophage lambda. Proc Natl Acad Sci U S A. 1993 Nov 15;90(22):10633-7.

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

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