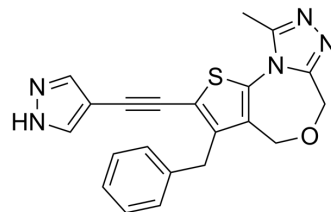


Desmethyl-QCA276

Cat. No.:	HY-44103
CAS No.:	2126819-55-2
Molecular Formula:	C ₂₁ H ₁₇ N ₅ OS
Molecular Weight:	387.46
Target:	Ligands for Target Protein for PROTAC
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Desmethyl-QCA276 (PROTAC BRD4-binding moiety 4), the QCA276-based moiety, binds to cereblon ligand via a linker to form PROTAC to degrade BET. QCA276 is a BET inhibitor with an IC₅₀ of 10 nM, and with a K_i of 2.3 nM^[1]. Desmethyl-QCA276 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Qin C, et al. Discovery of QCA570 as an Exceptionally Potent and Efficacious Proteolysis Targeting Chimera (PROTAC) Degradator of the Bromodomain and Extra-Terminal (BET) Proteins Capable of Inducing Complete and Durable Tumor Regression. *J Med Chem*. 2018 Aug 9;61(15):6685-6704.

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

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