

## Desmethyl-QCA276

## Chemical Properties

CAS No. : 2126819-55-2

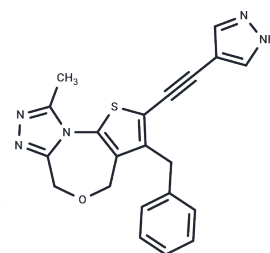
Formula: C<sub>21</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub>

Molecular Weight: 387.46

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Desmethyl-QCA276, the QCA276-based moiety, binds to cereblon ligand via a linker to form PROTAC to degrade BET. QCA276 is a BET inhibitor with an IC <sub>50</sub> of 10 nM, and with a K <sub>i</sub> of 2.3 nM[1].
Targets(IC <sub>50</sub> )	Others,Ligands for Target Protein for PROTAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5809 mL	12.9046 mL	25.8091 mL
5 mM	0.5162 mL	2.5809 mL	5.1618 mL
10 mM	0.2581 mL	1.2905 mL	2.5809 mL
50 mM	0.0516 mL	0.2581 mL	0.5162 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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