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## Product Data Sheet

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Product Name: dMCL1-2  
 Cat. No.: GC35882

**Chemical Properties**

Cas. No. 2351218-88-5

SMILES O=S(N(CC1)CCN1C(C=C2)=CC=C2OCC3=C(C4=C(N(CCN5CCN(C(COC6=CC=CC(C(N7C8C(NC(CC8)=O)=O)=O)=C6C7=O)=O)CC5)N(C)C)=O

Formula C<sub>61</sub>H<sub>66</sub>N<sub>10</sub>O<sub>12</sub>S

M.Wt

Solubility Soluble in DMSO

Storage

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

**Background**

dMCL1-2 is a potent and selective degrader of myeloid cell leukemia 1 (MCL1) based on PROTAC, which binds to MCL1 with a KD of 30 nM. dMCL1-2 activates the cellular apoptosis machinery by degradation of MCL1[1]. KD: 30 nM (MCL1)[1]

[1]. Papatzimas JW, et al. From Inhibition to Degradation: Targeting the Antiapoptotic Protein Myeloid Cell Leukemia 1 (MCL1). J Med Chem. 2019 Jun 13;62(11):5522-5540.

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

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