

# Product Datasheet

## D18 (orb1688646)

|                        |  |
|------------------------|--|
| <b>Catalog Number</b>  | orb1688646   |
| <b>Category</b>        | Small Molecules  |
| <b>Description</b>     | D18 is a dual TLR7/8 agonist (EC50: 24 nM hTLR7, 10 nM hTLR8) that epigenetically upregulates PD-L1 to potentiate anti-PD-1/PD-L1 therapy. It also serves as a cytotoxic payload for antibody-drug conjugates (ADCs), such as HE-S2, supporting research in immuno-oncology and ADC development [1]. |
| <b>Target</b>          | TLR,Others,PD-1/PD-L1  |
| <b>MW</b>              | 364.49   |
| <b>CAS Number</b>      | 2230218-36-5   |
| <b>Formula</b>         | C <sub>21</sub> H <sub>28</sub> N <sub>6</sub>   |
| <b>SMILES</b>          | <chem>N(CCCC)C=1C2=C(C=CC(CC3=CC=C(CN(C)C)C=C3)=N2)N=C(N)N1</chem>   |
| <b>Storage</b>         | -20°C  |
| <b>Note</b>            | For research use only  |
| <b>Expiration Date</b> | 12 months from date of receipt.  |

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