

## Product Datasheet

### PVP-037.2 (orb2664183)

<b>Catalog Number</b>	orb2664183
<b>Category</b>	Small Molecules
<b>Description</b>	PVP-037.2 is a small molecule TLR7/8 agonist utilized as a vaccine adjuvant to promote TH1-polarized immunity. It enhances antigen-specific antibody responses, including IgG1 and IgG2c subclasses, and is applied in preclinical vaccine research for infectious diseases and cancer immunology in both in vivo and in vitro experimental models.
<b>Target</b>	TLR
<b>MW</b>	439.43
<b>CAS Number</b>	3049666-32-9
<b>Formula</b>	C <sub>23</sub> H <sub>20</sub> F <sub>3</sub> N <sub>5</sub> O
<b>SMILES</b>	<chem>O=C(C1=C(C(F)(F)F)C=C(CN)C=C1)NC2=CC(C3=CN4C=C(C)C=NC4=N3)=CC=C2C</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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