

Product Datasheet

TLR7/8 agonist 8 (orb1944362)

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number | orb1944362 |
| Category | Small Molecules |
| Description | Compound 24m is a potent dual TLR7/8 agonist with EC50 values of 27 nM (hTLR7) and 12 nM (hTLR8). It is utilized in immuno-oncology research to study innate immune activation and has been shown in published studies to synergize with PD-1/PD-L1 blockade in preclinical tumor models. |
| Target | Others,TLR |
| MW | 418.53 |
| CAS Number | 2649170-16-9 |
| Formula | C ₂₄ H ₃₀ N ₆ O |
| SMILES | <chem>C(N1CC2(C1)COC2)C3=CC=C(CC4=NC5=C(C=C4)N=C(N)N=C5NCCCC)C=C3</chem> |
| Storage | -20°C |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |

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