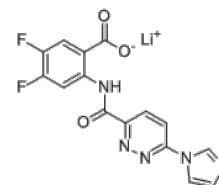


Product Name : SR-717
Cat. No. : PC-38087
CAS No. : 2375421-09-1
Molecular Formula : C₁₅H₈F₂LiN₅O₃
Molecular Weight : 351.198
Target : STING
Solubility : 10 mM in DMSO



Biological Activity

SR-717 (SR717) is a non-nucleotide, small-molecule **STING** agonist, demonstrates broad interspecies and interallelic specificity with EC50 of 2.1 uM and 2.2 uM in ISG-THP1 (WT) and ISG-THP1 cGAS KO (cGAS KO) cell lines.

SR-717 functions as a direct cGAMP mimetic that induces the same "closed" conformation of STING.

SR-717 displays antitumor activity, promotes the activation of CD8+ T, natural killer, and dendritic cells in relevant tissues, and facilitates antigen cross-priming.

SR-717 induces the expression of clinically relevant targets, including PD-L1, in a STING-dependent manner.

References

Chin EN, et al. **Science**. 2020 Aug 21;369(6506):993-999.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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