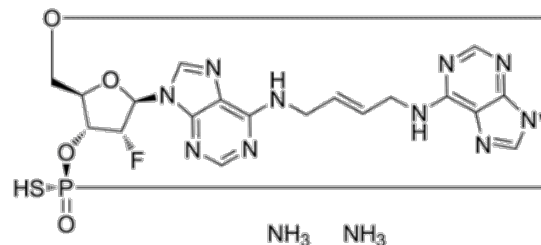


Product Name : E7766 diammonium salt
Cat. No. : PC-24084
CAS No. : 2242635-03-4
Molecular Formula : C₂₄H₂₆F₂N₁₀O₈P₂S₂·2H₃N
Molecular Weight : 780.66
Target : STING
Solubility : 10 mM in DMSO



CAS: 2242635-03-4

Biological Activity

E7766 diammonium salt is a macrocycle-bridged STING agonist with ITC K_d of 40 nM, exhibits broad pan-genotypic activity in all major human STING variants.

E7766 has higher binding affinity than 2',3'-cGAMP.

E7766 induces IFN β expression in primary human peripheral blood mononuclear cells harboring any of seven major STING genotypes with EC₅₀ values of 0.15 to 0.79 μ M.

E7766 is highly efficacious in CT26 live metastasis tumor model.

References

Kim DS, et al. ChemMedChem. 2021 Jun 7;16(11):1740-1743.

Huang KC, et al. Mol Cancer Ther. 2022 Jun 1;21(6):914-924.

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

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