

Product Name	: SR-717
Synonyms	: —
Cat No.	: M22380
CAS Number	: 2375421-09-1
Molecular Formula	: C ₁₅ H ₈ F ₂ LiN ₅ O ₃
Formula Weight	: 351.19
Chemical Name	: —
Description	SR-717 is a non-nucleotide STING agonist with EC ₅₀ s of 2.1 μM and 2.2 μM in ISG-THP1 (WT) and ISG-THP1 cGAS KO (cGAS KO) cell lines, respectively. Antitumor activity. SR-717 displayed antitumor activity; promoted the activation of CD8 ⁺ T, natural killer, and dendritic cells in relevant tissues; and facilitated antigen cross-priming. SR-717 also induced the expression of clinically relevant targets, including programmed cell death 1 ligand 1 (PD-L1), in a STING-dependent manner.
Pathway	: Immunology/Inflammation
Target	: STING
Receptor	: STING
Solubility	: DMSO: 14.29 mg/mL (40.69 mM; Need ultrasonic)
SMILES	: [Li+].[O-]C(=O)c1cc(F)c(F)cc1NC(=O)c1ccc(nn1)-n1ccnc1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Chin EN, Yu C, Vartabedian VF, et al. Antitumor activity of a systemic STING-activating non-nucleotide cGAMP mimetic[J]. *ence*, 2020, 369(6506):993-999.