

Catalog Number: CM10450

产品信息

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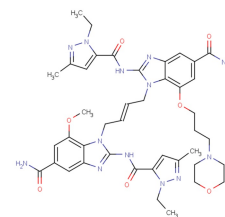
CAS号:
2138498-18-5

分子式:
C₄₂H₅₁N₁₃O₇
主要靶点:
STING

主要通路:
免疫与炎症

分子量:
849.94

溶解度:

DMSO:126mg/mL
(148.2mM), Sonification is recommended.


靶点活性

human STNG in PBMCs:130 nM (EC50)

体外活性

diABZI STING agonist-1 (Tautomerism) is a selective stimulator of interferon gene (STING) receptor agonists, with EC₅₀ of 130 and 186 nM for humans and mice, respectively. diABZI STING agonist-1 (Tautomerism) at a concentration of 1 μM showed high selectivity for more than 350 kinases tested[1].

体内活性

diABZI STING agonist-1 (Tautomerism)(subcutaneous injection; 2.5 mg/kg) induces STING-dependent activation of type I interferon and proinflammatory cytokines in vivo. diABZI STING agonist-1 (Tautomerism) (intravenous; 3 mg/kg) exhibited systemic exposure with a half-life of 1.4 hours and reached a systemic concentration greater than half the maximum effective concentration of STING in mice (EC₅₀ 200 ng/kg ml). diABZI STING agonist-1 (Tautomerism) (intravenous; 1.5 mg / kg; 43 days) can significantly inhibit tumor growth and significantly improve survival rate (P <0.001). Eight out of 10 mice are tumor-free[1].

描述

diABZI STING agonist-1 (Tautomerism) is a selective stimulator of interferon genes (STING) receptor agonist, with EC₅₀s of 130, 186 nM for human and mouse, respectively.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year