

Catalog Number: CM10450

## 产品信息

**Catalog Number:**  
CM10450

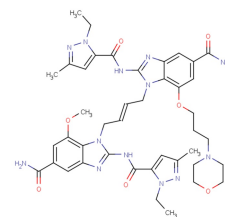
**CAS号:**  
2138498-18-5

**分子式:**  
C<sub>42</sub>H<sub>51</sub>N<sub>13</sub>O<sub>7</sub>
**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 EC<sub>50</sub> 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 (EC<sub>50</sub> 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 EC<sub>50</sub>s of 130, 186 nM for human and mouse, respectively.

## 储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years