

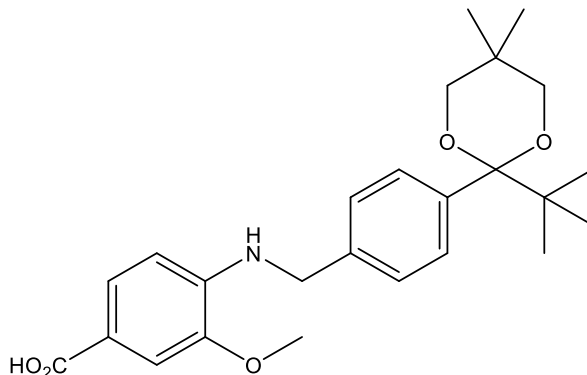
Catalog #10-4134

NVS-STG2

CAS# 3030588-01-0

4-((4-(2-(tert-Butyl)-5,5-dimethyl-1,3-dioxan-2-yl)benzyl)amino)-3-methoxybenzoic acid

Lot # FBA9228



NVS-STG2 is a STING agonist that activates human STING by binding in a pocket between the transmembrane domains of neighboring STING dimers in a molecular glue-like manner ($AC_{50} = 5.2 \mu\text{M}$). Inactive with mouse STING. NVS-STG2 slowed tumor growth significantly in MC38 tumors inoculated into hSTING knock-in mice.

- 1) Li *et al.* (2024), *Activation of human STING by a molecular glue-like compound*; Nat.Chem. Biol. **20** 365

PHYSICAL DATA

Molecular Weight:	427.54
Molecular Formula:	$\text{C}_{25}\text{H}_{33}\text{NO}_5$
Purity:	>98% (HPLC)
	NMR: (Conforms)
Solubility:	DMSO (40 mg/mL)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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