



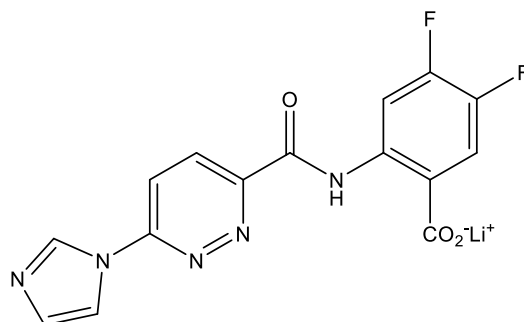
Catalog # 10-4850

SR-717

CAS# 2375421-09-1

Lithium 2-(6-(1H-Imidazol-1-yl)pyridazine-3-carboxamido)-4,5-difluorobenzoate

Lot # FBA7010



SR-717 is a cell permeable and exceptionally selective STING agonist ($IC_{50} = 7.8 \mu M$). It displayed robust antitumor activity in B16.F10 melanoma and MC38 colorectal adenocarcinoma mouse models. SR-717 promoted the activation of CD8⁺ T, natural killer, and dendritic cells as well as promoting antigen cross-priming. It was able to induce PD-L1 expression in THP1 cells and in primary human PBMC's.

1) Chin *et al.* (2020), *Antitumor activity of a systemic STING-activating non-nucleotide cGAMP mimetic*; Science **369** 993

PHYSICAL DATA

Molecular Weight:	381.27
Molecular Formula:	C ₁₅ H ₈ F ₂ N ₅ O ₃ ·Li
Purity:	>98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (>25 mg/ml)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 1 month.

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

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