



LKT Laboratories, Inc.

diABZI STING Agonist-3

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID A070971

CAS No. 2138299-29-1

Chemical Name

Synonym STING Agonist-3

Formula $C_{37}H_{42}N_{12}O_6$

Formula Wt. 750.8

Melting Point

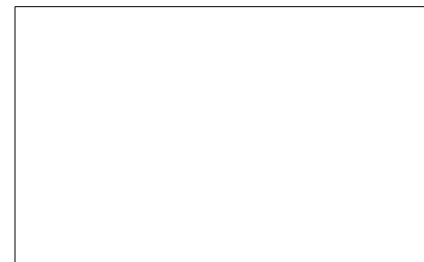
Purity $\geq 98\%$

Solubility

Store Temp -20°C

Ship Temp Ambient

Description diABZI STING Agonist-3 is a potent, non-nucleotide small-molecule agonist of STING (Stimulator of Interferon Genes), a key innate immune sensor and adaptor protein that drives interferon- β and pro-inflammatory cytokine production. Unlike cGAMP-based STING agonists, diABZI compound 3 binds non-covalently as a symmetric dimer, inducing STING dimerization and downstream TBK1/IRF3/NF- κ B signaling. It is widely used to study STING-mediated innate immunity and antitumor immune activation.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A070971	1 mg	\$145.00
A070971	5 mg	\$475.00
A070971	10 mg	\$850.00

- References**
1. Pan BS, Perera SA, Piesvaux JA, et al. An orally available non-nucleotide STING agonist with antitumor activity. *Science*. 2020;369(6506):eaba6098. PMID: 32820094.
 2. Ramanjulu JM, Pesiridis GS, Yang J, et al. Design of amidobenzimidazole STING receptor agonists with systemic activity. *Nature*. 2018;564(7736):439-443. PMID: 30333627.
 3. Chin EN, Yu C, Chouber VK, et al. Antitumor activity of a systemic STING-activating non-nucleotide cGAMP mimetic. *Science*. 2020;369(6506):993-999. PMID: 32820098.
 4. Ishikawa H, Barber GN. STING is an endoplasmic reticulum adaptor that facilitates innate immune signalling. *Nature*. 2008;455(7213):674-8. PMID: 18724357.
 5. Motwani M, Pesiridis S, Bhatt DL, et al. DNA sensing by the cGAS-STING pathway in health and disease. *Nat Rev Genet*. 2019;20(11):657-674. PMID: 31358977.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.