



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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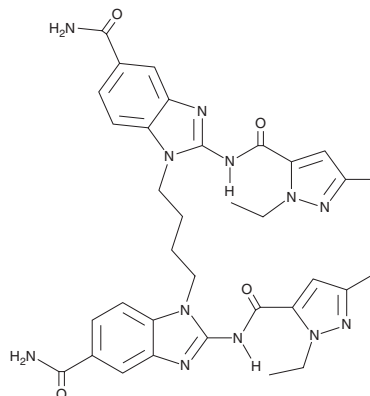
# PRODUCT INFORMATION



## diABZI STING Agonist-2

Item No. 34088

**CAS Registry No.:** 2138300-40-8  
**Formal Name:** 1,1'-(1,4-butanediyl)bis[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]-1H-benzimidazole-5-carboxamide]  
**Synonyms:** CS-0087594, Diamidobenzimidazole STING Agonist-2, diABZI-4, HY-123943, STING Agonist-4, STING Agonist diABZI Compound 2  
**MF:** C<sub>34</sub>H<sub>38</sub>N<sub>12</sub>O<sub>4</sub>  
**FW:** 678.7  
**Purity:** ≥98%  
**Supplied as:** A solid  
**Storage:** -20°C  
**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

diABZI STING agonist-2 is supplied as a solid. A stock solution may be made by dissolving the diABZI STING agonist-2 in the solvent of choice, which should be purged with an inert gas. diABZI STING agonist-2 is slightly soluble in DMSO.

### Description

diABZI STING agonist-2 is an agonist of stimulator of interferon genes (STING).<sup>1</sup> It binds to STING with an apparent  $K_d$  value of 1.6 nM. It is selective for STING over the acute phase reactant orosomucoid 1 (ORM1; apparent  $K_d$  = 79 nM). diABZI STING agonist-2 increases phosphorylation of interferon regulatory factor 3 (IRF3) and STING in human peripheral blood mononuclear cells (PBMCs). It also induces secretion of IFN- $\beta$  from PBMCs ( $EC_{50}$  = 3.1  $\mu$ M).

### Reference

1. Ramanjulu, J.M., Pesiridis, G.S., Yang, J., *et al.* Design of amidobenzimidazole STING receptor agonists with systemic activity. *Nature* **564(7736)**, 439-443 (2018).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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