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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



SA-15-P

Item No. 41680

CAS Registry No.: 852846-00-5

Formal Name: N-[4-[2-[2,5-dimethyl-1-(phenylmethyl)-1H-pyrrol-3-yl]-2-oxoethoxy]phenyl]-2-furancarboxamide

MF: $C_{26}H_{24}N_2O_4$

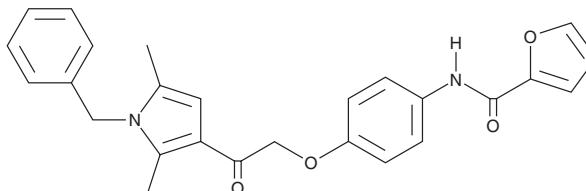
FW: 428.5

Purity: $\geq 95\%$

Supplied as: A solid

Storage: -20°C

Stability: ≥ 4 years



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

Laboratory Procedures

SA-15-P is supplied as a solid. A stock solution may be made by dissolving the SA-15-P in the solvent of choice, which should be purged with an inert gas. SA-15-P is slightly soluble (0.1-1 mg/ml) in acetonitrile and sparingly soluble (1-10 mg/ml) in DMSO.

Description

SA-15-P is an inhibitor of the protein-protein interactions between lymphocyte activation gene 3 (LAG-3) and MHC-II and LAG-3 and fibrinogen-like protein 1 (FGL1; $\text{IC}_{50}\text{s} = 4.21$ and $6.52 \mu\text{M}$, respectively, in time-resolved FRET assays).¹ It increases T cell receptor (TCR) pathway activation in a bioluminescent cell-based assay using antigen-presenting cells (APCs) expressing human MHC-II and Jurkat T cells expressing LAG-3 ($\text{IC}_{50} = 6.95 \mu\text{M}$).

Reference

1. Abdel-Rahman, S.A., Rehman, A.U., and Gabr, M.T. Discovery of first-in-class small molecule inhibitors of lymphocyte activation gene 3 (LAG-3). *ACS Med. Chem. Lett.* **14**(5), 629-635 (2023).

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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