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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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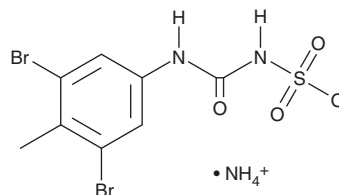
PRODUCT INFORMATION



SPAA-52 (ammonium salt)

Item No. 42076

Formal Name: N-[[[3,5-dibromo-4-methylphenyl]amino]carbonyl]-sulfamic acid, monoammonium salt
MF: C₈H₇Br₂N₂O₄S • NH₄
FW: 405.1
Purity: ≥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

SPAA-52 (ammonium salt) is supplied as a solid. A stock solution may be made by dissolving the SPAA-52 (ammonium salt) in the solvent of choice, which should be purged with an inert gas. SPAA-52 (ammonium salt) is sparingly soluble (1-10 mg/ml) in DMSO and slightly soluble (0.1-1 mg/ml) in acetonitrile.

Description

SPAA-52 is an inhibitor of low molecular weight protein tyrosine phosphatase (LMW-PTP; K_i = 1.2 nM).¹ It is greater than 8,000-fold selective for LMW-PTP over 24 phosphatases at 10 μM.

Reference

1. He, R., Wang, J., Yu, Z.H., *et al.* Structure-based design of active-site-directed, highly potent, selective, and orally bioavailable low-molecular-weight protein tyrosine phosphatase inhibitors. *J. Med. Chem.* **65(20)**, 13892-13909 (2022).

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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