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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

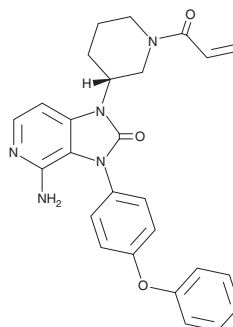


Tolebrutinib

Item No. 37723

CAS Registry No.: 1971920-73-6
Formal Name: 4-amino-1,3-dihydro-1-[(3R)-1-(1-oxo-2-propen-1-yl)-3-piperidinyl]-3-(4-phenoxyphenyl)-2H-imidazo[4,5-c]pyridin-2-one

MF: C₂₆H₂₅N₅O₃
FW: 455.5
Purity: ≥95%
UV/Vis.: λ_{max}: 222 nm
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

Tolebrutinib is supplied as a solid. A stock solution may be made by dissolving the tolebrutinib in the solvent of choice, which should be purged with an inert gas. Tolebrutinib is soluble in DMSO.

Description

Tolebrutinib is an irreversible inhibitor of Bruton's tyrosine kinase (BTK; IC₅₀ = 1 nM).¹ It decreases the number of CD69⁺ B cells in isolated mouse whole blood (IC₅₀ = 200 nM).

Reference

1. Hopkins, B.T., Bame, E., Bajrami, B., *et al.* Discovery and preclinical characterization of BIIB091, a reversible, selective BTK inhibitor for the treatment of multiple sclerosis. *J. Med. Chem.* **65**(2), 1206-1224 (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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