SZABO SCANDIC

Part of Europa Biosite

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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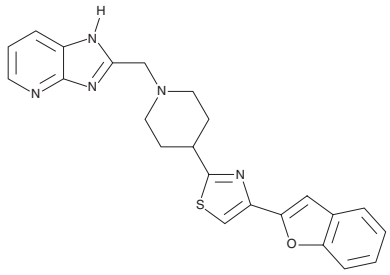
PRODUCT INFORMATION

BAY-179

Item No. 36657

Formal Name:	2-(1-((1H-imidazo[4,5-b]pyridin-2-yl) methyl)piperidin-4-yl)-4-(benzofuran-2-yl)thiazole
MF:	$C_{23}H_{21}N_5OS$
FW:	415.5
Purity:	≥98%
UV/Vis.:	λ_{max}: 286, 310 nm
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

BAY-179 is supplied as a solid. A stock solution may be made by dissolving the BAY-179 in the solvent of choice, which should be purged with an inert gas. BAY-179 is slightly soluble in DMSO and dimethyl formamide.

Description

BAY-179 is an inhibitor of mitochondrial complex I, also known as NADH dehydrogenase (IC_{50}s = 79, 38, 27, and 47 nM for the human, mouse, rat, and dog enzymes, respectively).[1] See the Structural Genomics Consortium (SGC) website for more information.

Reference

1. Mowat, J., Ehrmann, A.H.M., Christian, S., *et al.* Identification of the highly active, species cross-reactive complex I inhibitor BAY-179. *ACS Med. Chem. Lett.* **13(3)**, 348-357 (2022).

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