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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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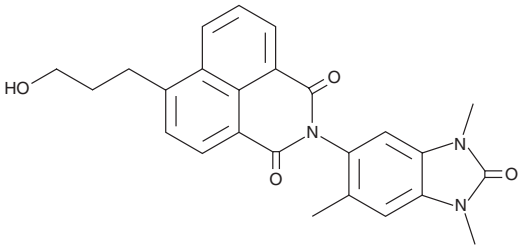
PRODUCT INFORMATION

BAY-299

Item No. 19777

CAS Registry No.:	2080306-23-4
Formal Name:	2-(2,3-dihydro-1,3,6-trimethyl-2-oxo-1H-benzimidazol-5-yl)-6-(3-hydroxypropyl)-1H-benz[de]isoquinoline-1,3(2H)-dione
MF:	$C_{25}H_{23}N_3O_4$
FW:	429.5
Purity:	≥98%
UV/Vis.:	λ_{max}: 215, 236, 294, 342 nm
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	As supplied, 2 years from the QC date provided on the Certificate of Analysis, when stored properly



Laboratory Procedures

BAY-299 is supplied as a crystalline solid. A stock solution may be made by dissolving the BAY-299 in the solvent of choice. BAY-299 is soluble in organic solvents such as DMSO and dimethyl formamide, which should be purged with an inert gas. The solubility of BAY-299 in these solvents is approximately 20 and 30 mg/ml, respectively.

Description

BAY-299 is a potent and selective inhibitor of the bromodomain and PHD finger-containing (BRPF) family protein BRD1 (IC_{50} = 6 nM), also known as BRPF2, and the second bromodomain of transcription initiation factor TFIID subunits 1 (TAF1; IC_{50} = 13 nM).[1] BAY-299 is >30-fold selective over BRPF1, BRPF3, BRD9, and ATAD2 and is >300-fold selective over BRD4. See the Structural Genomics Consortium (SGC) website for more information.

Reference

1. Pérez-Salvia, M., and Esteller, M. Bromodomain inhibitors and cancer therapy: From structures to applications. *Epigenetics* (2016).

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