SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- 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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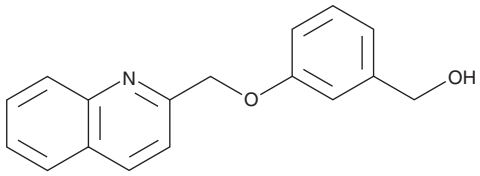
PRODUCT INFORMATION

CAY10789

Item No. 35325

CAS Registry No.: 123226-28-8
Formal Name: 3-(2-quinolinylmethoxy)-benzenemethanol
Synonym: [3-(Quinolin-2-ylmethoxy)phenyl]methanol
MF: $C_{17}H_{15}NO_2$
FW: 265.3
Purity: ≥98%
UV/Vis.: λ_{max}: 230 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

CAY10789 is supplied as a solid. A stock solution may be made by dissolving the CAY10789 in the solvent of choice, which should be purged with an inert gas. CAY10789 is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF). The solubility of CAY10789 in DMSO is approximately 5 mg/ml and approximately 11 mg/ml in ethanol and DMF.

Further dilutions of the stock solution into aqueous buffers or isotonic saline should be made prior to performing biological experiments. Ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. Organic solvent-free aqueous solutions of CAY10789 can be prepared by directly dissolving the solid in aqueous buffers. The solubility of CAY10789 in PBS (pH 7.2) is approximately 0.14 mg/ml. We do not recommend storing the aqueous solution for more than one day.

Description

CAY10789 is an antagonist of the cysteinyl leukotriene 1 ($CysLT_1$) receptor (IC_{50} = 2.1 µM).[1]

Reference

1. Fiorillo, B., Sepe, V., Conflitti, P., *et al*. Structural basis for developing multitarget compounds acting on cysteinyl leukotriene receptor 1 and G-protein-coupled bile acid receptor 1. *J. Med. Chem.* **64(22)**, 16512-16529 (2021).

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