
Product Data Sheet

Product Name: PD-159020

Cat. No.: GC34031

Chemical Properties

Cas. No. 177904-00-6

SMILES O=C(C(N1CC2=CC=C(OCO3)C3=C2)=C(C4=CC=C(OCO5)C5=C4)C6=C1C=C(OCC7=CC=CC=C7)C(OC)=C6)OFormula C₃₂H₂₅NO₈

M.Wt

551.54

Solubility Soluble in DMSO

Storage

Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure

Background

PD-159020 is a non-selective ETA/ETB antagonist, with IC₅₀s of 30 and 50 nM for hETA and hETB, respectively.

PD-159020 demonstrates excellent inhibition of arachidonic acid release, AAR-B, with an IC₅₀ of 0.23 μM.

[1]. Amy Mbunker, et al. 1,3-diaryl-2-carboxyindoles as potent non-peptide endothelin antagonists. *Bioorganic & Medicinal Chemistry Letters*. Volume 6, Issue 9, 7 May 1996, Pages 1061-1066

Caution: Product has not been fully validated for medical applications. For research use only.

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