

Zosuquidar

Catalog No: tcsc0921

Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Specifications

CAS No:

167354-41-8

Formula:

 $C_{32}H_{31}F_2N_3O_2$

Pathway: Membrane Transporter/Ion Channel

Target:

P-glycoprotein

Purity / Grade:

>98%

Solubility: 10 mM in DMSO

Alternative Names:

LY335979

Observed Molecular Weight:

527.6

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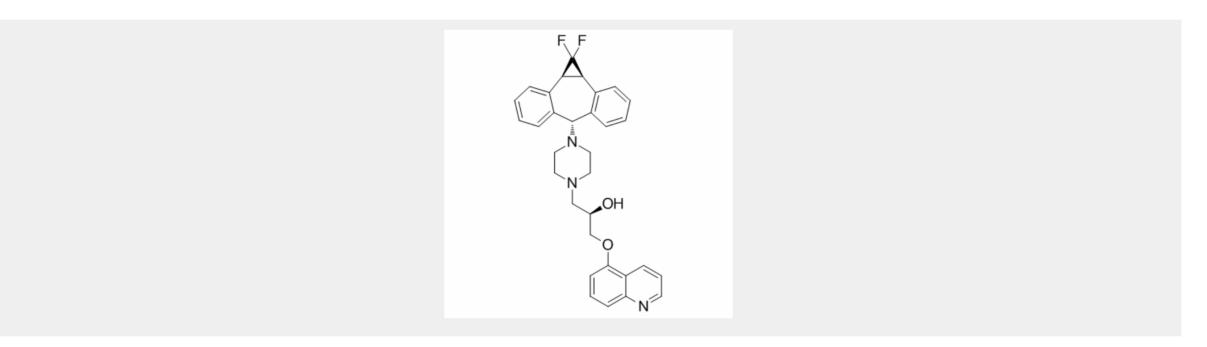
Product Description

Zosuquidar (LY335979) is a potent negative modulator of P-glycoprotein-mediated multi-drug resistance with Ki of 60 nM.

IC50 value: 60 nM (Ki)

Target: P-glycoprotein

Zosuquidar (LY335979) is a potent modulator of P-glycoprotein-mediated multidrug resistance with Ki of 60 nM. Zosuquidar binds with high affinity to P-glycoprotein and inhibits P-glycoprotein-mediated multidrug resistance (MDR). P-glycoprotein, encoded by the MDR-1 gene, is a member of the ATP-binding cassette superfamily of transmembrane transporters and prevents the intracellular accumulation of many natural product-derived cytotoxic agents. Zosuquidar is a compound of antineoplastic drug candidates currently under development.



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