

# Zosuquidar

**Catalog No: tcsc0921**



## Available Sizes

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**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

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**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

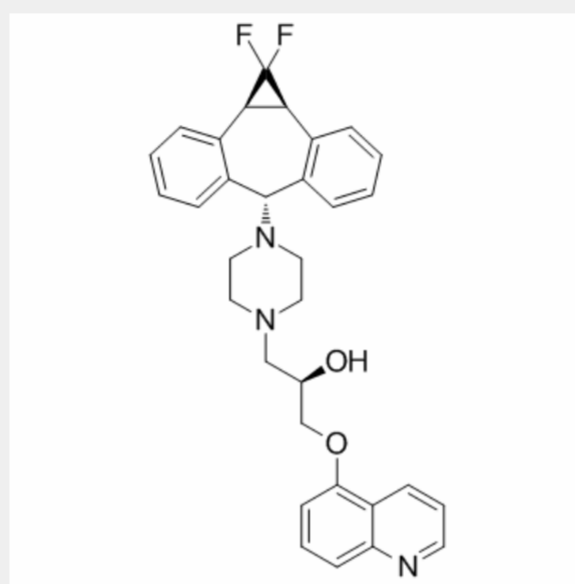
## Product Description

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

IC50 value: 60 nM ( $K_i$ )

Target: P-glycoprotein

Zosuquidar (LY335979) is a potent modulator of P-glycoprotein-mediated multidrug resistance with  $K_i$  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.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!