

NSC668394-Ezrin Inhibitor

Catalog No: tccc3197



Available Sizes

Size: 10mg



Specifications

Application:

Inhibitor, controls the biological activity of Ezrin.

Research Area:

Cancer Research

CAS No:

382605-72-3

Formula:

$C_{17}H_{12}Br_2N_2O_3$

Form:

Reddish orange solid

Purity / Grade:

>95% by HPLC

Solubility:

DMSO

Storage Instruction:

-20°C Avoid from light

Alternative Names:

7-(3,5-dibromo-4-hydroxyphenethylamino)quinoline-5,8-dione

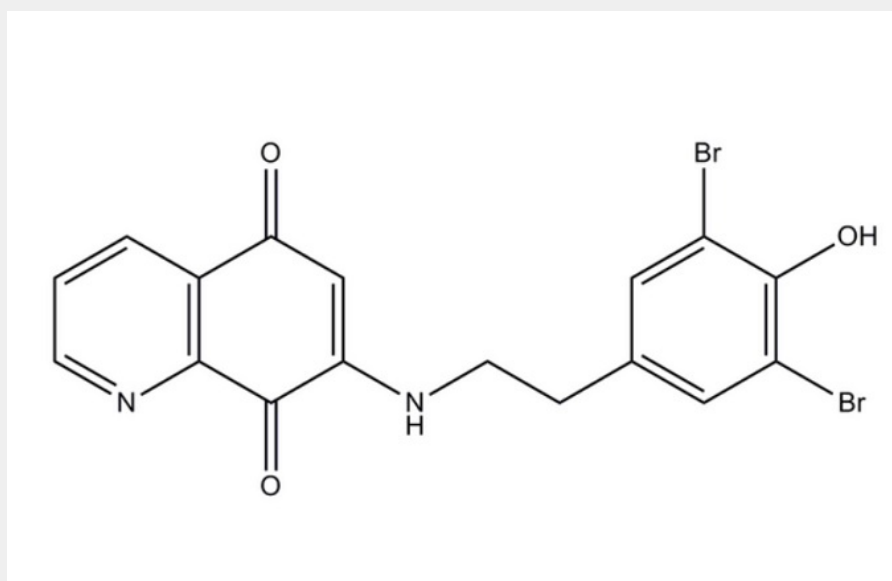
Calculated Molecular Weight:

449.9g/mol

Product Description

Ezrin, an ezrin/radixin/moesin (ERM) family member, is evolutionarily conserved both structurally and functionally. By regulating membrane-cytoskeleton complexes, ezrin has key roles in normal cellular processes such as maintenance of membrane dynamics, survival, adhesion, motility, cytokinesis, phagocytosis and integration of membrane transport with signaling pathways. Ezrin function is actively regulated by its conformational changes. Ezrin exists in an inactive conformation, in which the membrane and actin-binding sites are masked by intramolecular interaction of the N-terminal and C-terminal domains. In its active open conformation, ezrin functions as a crosslinker between the plasma membrane and cortical cytoskeleton.

High expression of ezrin correlates with poor prognosis and metastasis in osteosarcoma.



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