

# Poloxime

**Catalog No: tcsc1334**



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg

**Size:** 500mg

**Size:** 1g



## Specifications

**CAS No:**

17302-61-3

**Formula:**

$C_{10}H_{13}NO_2$

**Pathway:**

Cell Cycle/DNA Damage

**Target:**

Polo-like Kinase (PLK)

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

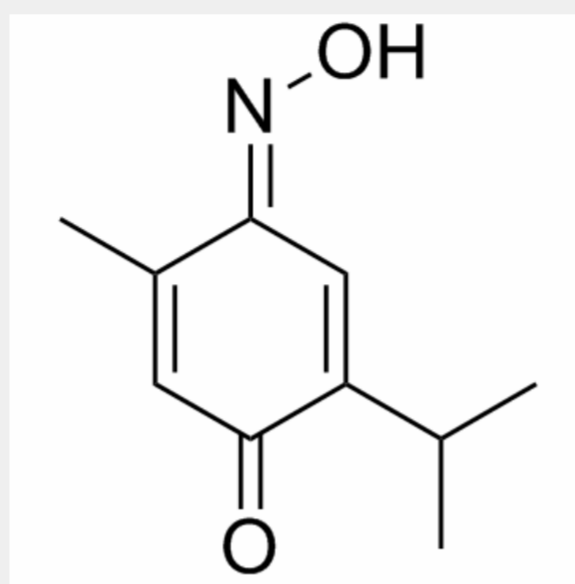
179.22

## Product Description

Poloxime, a hydrolysis product of poloxin, is a non-ATP-competitive **Plk1** inhibitor, with moderate Plk1 inhibitory activity.

IC50 & Target: PLK1<sup>[1]</sup>

**In Vitro:** Poloxime (100  $\mu$ M) inhibits phosphopeptide binding to polo-box domain (PBD) of polo-like kinase 1 (Plk1)<sup>[2]</sup>.



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