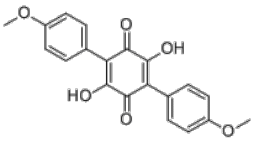
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	NPD389
Cat. No.	:	PC-49093
CAS No.	:	38558-72-4
Molecular Formula	:	$C_{20}H_{16}O_6$
Molecular Weight	:	352.342
Target	:	Other Targets
Solubility	:	10 mM in DMSO



Biological Activity

NPD389 (NPD-389) is a potent, selective, fast-binding uncompetitive inhibitor of NADP+-dependent **malic enzyme 2 (ME2)** with IC50 of 4.63 uM.
NPD389 is a mixed-type competitive inhibitor for the substrate L-malate and an uncompetitive inhibitor for the other substrate NAD+.

References

Yi Wen, et al. ***Acta Pharmacol Sin.*** 2014 May;35(5):674-84.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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