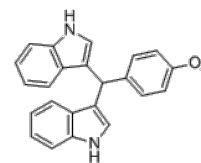


Product Name : C-DIM5
Cat. No. : PC-63275
CAS No. : 33985-68-1
Molecular Formula : C₂₄H₂₀N₂O
Molecular Weight : 352.437
Target : Nur77 (NR4A1)
Solubility : 10 mM in DMSO



Biological Activity

C-DIM5 (DIM-C-pPhOCH₃) is an orally active diindolylmethane (C-DIM) compound that displays anti-inflammatory and neuroprotective efficacy in vitro and in vivo, also is an agonist of the orphan nuclear receptor **Nur77**.

C-DIM5 protects against MPTP neurotoxicity and suppresses glial activation in mouse model of Parkinson's disease.

C-DIM5 decreases cell survival and induces cell death pathways, including TRAIL and PARP cleavage, inhibits tumor growth in vivo in mice bearing Panc-28 cell xenografts.

References

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De Miranda BR, et al. *Toxicol Sci.* 2015 Feb;143(2):360-73.

Chintharlapalli S, et al. *J Biol Chem.* 2005 Jul 1;280(26):24903-14.

Lee SO, et al. *Mol Cancer Res.* 2009 Jul;7(7):1169-78.

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

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