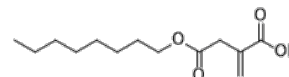


Product Name : 4-octyl itaconate
Cat. No. : PC-22348
CAS No. : 3133-16-2
Molecular Formula : C₁₃H₂₂O₄
Molecular Weight : 242.32
Target : Keap1-Nrf2
Solubility : 10 mM in DMSO



Biological Activity

4-Octyl Itaconate (4-OI) is a cell-permeable Itaconate derivative, activates Nrf2 via alkylation of KEAP1, is protective against lipopolysaccharide-induced lethality in vivo and decreases cytokine production.

References

- Mills EL, et al. Nature. 2018 Apr 5;556(7699):113-117.
Olagnier D, et al. Nat Commun. 2018 Aug 29;9(1):3506.

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

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