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Data Sheet

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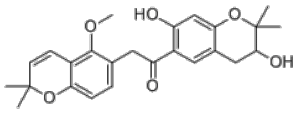
Product Name : Dihydromunduletone
Cat. No. : PC-60594
CAS No. : 674786-20-0
Molecular Formula : $C_{25}H_{28}O_6$
Molecular Weight : 424.493
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Dihydromunduletone is a rotenoid derivative that selectively inhibits **GPR56** (IC50=21 uM) and GPR114/ADGRG5, but not GPR110 or Class A GPCRs.
Dihydromunduletone maximally inhibits GPR56 at 50 uM, also dramatically inhibits GPR114 7TM–stimulated Gs activity.
Dihydromunduletone also inhibit the growth of the zebrafish intersegmental vessels.

References

Stoveken HM, et al. ***Mol Pharmacol***. 2016 Sep;90(3):214-24.

Wang C, et al. ***Eur Urol.*** 2010 Sep;58(3):418-26.

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

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