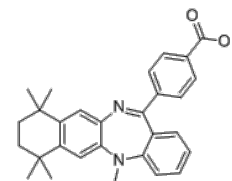


Product Name : LE135
Cat. No. : PC-20199
CAS No. : 155877-83-1
Molecular Formula : C₂₉H₃₀N₂O₂
Molecular Weight : 438.57
Target : RAR/RXR
Solubility : 10 mM in DMSO



Biological Activity

LE135 is a retinoic acid receptor (RAR) antagonist that displays moderate selectivity for **RAR β** over RAR α (K_i values=0.22 and 1.4 μ M, respectively), highly selective over RAR γ and RXR α .

LE135 inhibited retinoic acid (RA)-induced transcriptional activation of RARbeta, but not RARalpha, RARgamma or retinoid X receptor alpha (RXRalpha), on a variety of RA response elements.

LE135 inhibited all-trans-RA-induced apoptosis in ZR-75-1 human breast cancer cells.

References

Li Y, et al. *J Biol Chem.* 1999 May 28;274(22):15360-6.

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

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