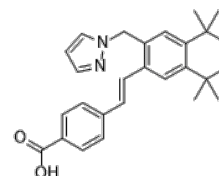


Product Name : Palovarotene
Cat. No. : PC-28143
CAS No. : 410528-02-8
Molecular Formula : C₂₇H₃₀N₂O₂
Molecular Weight : 414.55
Target : RAR/RXR
Solubility : 10 mM in DMSO



Biological Activity

Palovarotene (R-667, RO-3300074) is a potent, selective and orally active **retinoic acid receptor-gamma (RAR-γ)** agonist, inhibits bone morphogenetic protein and SMAD 1/5/8 signalling, prevents chondrogenesis and ultimately heterotopic ossification (HO) formation by permitting normal muscle tissue repair or regeneration to occur.

References

- Hind M, et al. *Curr Opin Investig Drugs*. 2009 Nov;10(11):1243-50.
Lees-Shepard JB, et al. *Elife*. 2018 Sep 18;7:e40814.
Wheatley BM, et al. *J Orthop Res*. 2018 Apr;36(4):1135-1144.

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

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