

Product Data Sheet

Product Name: Trifarotene (CD5789)

Cat. No.: GC31935

Chemical Properties

Cas. No. 895542-09-3

SMILES O=C(C1=CC=C(C2=CC=C(OCCO)C(C3=CC=C(N4CCCC4)C(C(C)(C)C)=C3)=C2)C=C1)O

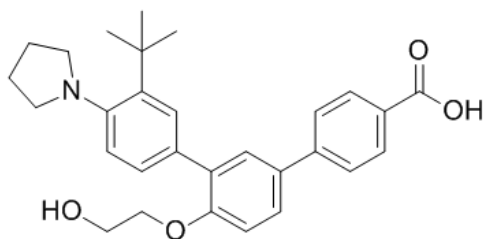
Formula $C_{29}H_{33}NO_4$ M.Wt 459.58

Solubility DMSO: 250 mg/mL (543.97 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Trifarotene is a retinoic acid receptor (RAR) agonist with K_{dapp} of 2, 15 and 500 nM for RAR γ , RAR β and RAR α , respectively.

[1]. Thibaud Biadatti, et al. Novel ligands that modulate rar receptors, and use thereof in human medicine and in cosmetics. WO 2006066978 A1.

Caution: Product has not been fully validated for medical applications. For research use only.

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