

Product Data Sheet

Product Name: Spiro-Oxanthromicin A

Cat. No.: GC48094

Chemical Properties

Cas. No. 1616622-10-6

SMILES O=C(C1=C(C)C2=C(C3=CCC4(C5=C3C(C2=O)=C(O)C(C)=C5)C6=CC=C(C)C(O)=C6C(C7=C(C)C(C(O)=O)=C(O)C=C74)=O)C=C1O)O

Formula C₃₆H₂₆O₁₀

M.Wt 618.6

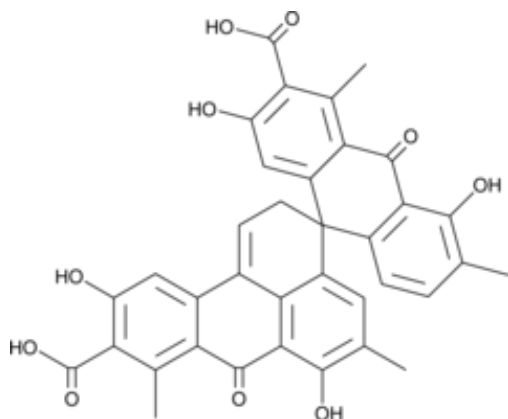
Solubility

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

Spiro-oxanthromicin A is a polyketide that has been found in *Streptomyces*.¹ It induces mislocalization of K-RAS in MDCK cells (IC₅₀ = 26.7 μM).

1. Salim, A.A., Xiao, X., Cho, K.J., et al. Rare *Streptomyces* sp. polyketides as modulators of K-Ras localisation. *Org. Biomol. Chem.* 12(27)4872-4878(2014)

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

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