

CD 2314

## Chemical Properties

CAS No. :	170355-37-0
Formula:	C23H24O2S
Molecular Weight:	364.50
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	CD 2314 is a highly active, selective RAR $\beta$ receptor agonist with a Kd value of 195 nM in S91 melanoma cells.
Targets(IC50)	Others,Retinoid Receptor

## Solubility Information

Solubility	DMSO: 66.66 mg/mL (182.88 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7435 mL	13.7174 mL	27.4348 mL
5 mM	0.5487 mL	2.7435 mL	5.487 mL
10 mM	0.2743 mL	1.3717 mL	2.7435 mL
50 mM	0.0549 mL	0.2743 mL	0.5487 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Spanjaard RA, et al. Specific activation of retinoic acid receptors (RARs) and retinoid X receptors reveals a unique role for RAR $\gamma$  in induction of differentiation and apoptosis of S91 melanoma cells. J Biol Chem. 1997 Jul 25; 272(30):18990-9.

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