

Cyclopenta[*c*][1]benzopyran-8-ol, 1,2,3,3a,4,9b-hexahydro-4-(4-hydroxyphenyl)-, (3a*R*,4*S*,9*bS*)-rel-

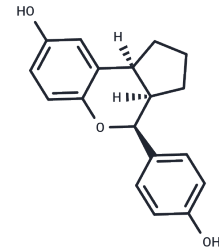
Chemical Properties

CAS No. : 533883-77-1

Formula: C₁₈H₁₈O₃

Molecular Weight: 282.33

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cyclopenta[<i>c</i>][1]benzopyran-8-ol, 1,2,3,3a,4,9b-hexahydro-4-(4-hydroxyphenyl)-, (3a <i>R</i> ,4 <i>S</i> ,9 <i>bS</i>)-rel- is an estrogen receptor beta (ERβ) agonist.
Targets(IC50)	Estrogen Receptor/ERR,Estrogen/progestogen Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (194.81 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	3.542 mL	17.7098 mL	35.4195 mL
5 mM	0.7084 mL	3.542 mL	7.0839 mL
10 mM	0.3542 mL	1.771 mL	3.542 mL
50 mM	0.0708 mL	0.3542 mL	0.7084 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

Coss Christopher Charles, et al. Estrogen receptor beta (ERβ) agonists for the treatment of fibrotic conditions.
WO2020160225A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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