

AI3-17671

## Chemical Properties

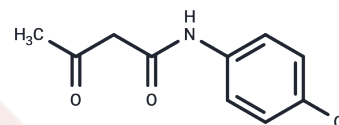
CAS No. : 101-92-8

Formula: C<sub>10</sub>H<sub>10</sub>ClNO<sub>2</sub>

Molecular Weight: 211.64

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	AI3-17671 can be used in recombinant androgen receptor competitive binding assays as an analytical natural, synthetic and environmental chemical.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 30 mg/mL (141.75 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	4.725 mL	23.625 mL	47.250 mL
5 mM	0.945 mL	4.725 mL	9.450 mL
10 mM	0.4725 mL	2.3625 mL	4.725 mL
50 mM	0.0945 mL	0.4725 mL	0.945 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

Sellami A, Montes M, Lagarde N. Predicting Potential Endocrine Disrupting Chemicals Binding to Estrogen Receptor  $\alpha$  (ER $\alpha$ ) Using a Pipeline Combining Structure-Based and Ligand-Based in Silico Methods. Int J Mol Sci. 2021 Mar 11;22(6):2846.

S, Sudha & S, Usha & Vasudevan, Girija. (2018). Chromatography-based partial purification and characterization of antimicrobial compound isolated from a terrestrial streptomycetes. Asian Journal of Pharmaceutical and Clinical Research. 11. 83.

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