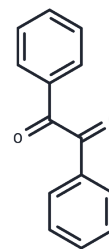


## Benzil

## Chemical Properties

CAS No. :	134-81-6
Formula:	C14H10O2
Molecular Weight:	210.23
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	Benzil is a bioactive aromatic ketone commonly used as a photoinitiator in polymer chemistry, exhibiting inhibitory activity against human carboxylesterase (hCE1) in Sf21 cells.
Targets(IC50)	Lipid

## Solubility Information

Solubility	DMSO: 4 mg/mL (19.03 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	4.7567 mL	23.7835 mL	47.567 mL
5 mM	0.9513 mL	4.7567 mL	9.5134 mL
10 mM	0.4757 mL	2.3783 mL	4.7567 mL
50 mM	0.0951 mL	0.4757 mL	0.9513 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

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