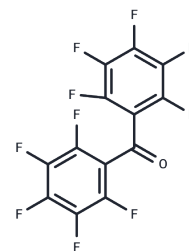


## Decafluorobenzophenone

## Chemical Properties

CAS No. :	853-39-4
Formula:	C <sub>13</sub> F <sub>10</sub> O
Molecular Weight:	362.12
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	Decafluorobenzophenone is used in the synthesis of fluorinated acridones and acridines. Decafluorobenzophenone alcoholic solution generates radical anion and ketyl which can be studied by electron spin resonance spectra. It undergoes photolysis to form ketyl (C <sub>6</sub> F <sub>5</sub> )C.OH radica.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7615 mL	13.8076 mL	27.6152 mL
5 mM	0.5523 mL	2.7615 mL	5.523 mL
10 mM	0.2762 mL	1.3808 mL	2.7615 mL
50 mM	0.0552 mL	0.2762 mL	0.5523 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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