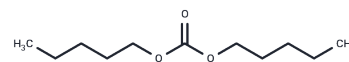


## Dipentyl carbonate

## Chemical Properties

CAS No. :	2050-94-4
Formula:	C <sub>11</sub> H <sub>22</sub> O <sub>3</sub>
Molecular Weight:	202.29
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Dipentyl carbonate is used as a softener in rubber processing and in industrial applications such as coatings, glues, inks, and detergents.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9434 mL	24.717 mL	49.434 mL
5 mM	0.9887 mL	4.9434 mL	9.8868 mL
10 mM	0.4943 mL	2.4717 mL	4.9434 mL
50 mM	0.0989 mL	0.4943 mL	0.9887 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

- Wang, B., et al. (2016). Application of Organic Carbonates in Organic Transformation Catalyzed by Ionic Liquids. In: Tundo, P., He, LN., Lokteva, E., Mota, C. (eds) Chemistry Beyond Chlorine. Springer, Cham.
- Kumar, S., et al. An easy base-assisted synthesis of unsymmetrical carbonates from alcohols with dimethyl carbonate. Monatsh Chem 145, 791-795 (2014).

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