

## 7-Benzoyloxindole

## Chemical Properties

CAS No. :	51135-38-7
Formula:	C <sub>15</sub> H <sub>11</sub> NO <sub>2</sub>
Molecular Weight:	237.26
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	7-Benzoyloxindole (Compound 4a) acts as a tubulin destabilizing agent. It disrupts tubulin structures, inhibiting tumor cell growth, and is employed in research on gastric and lung cancers.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2148 mL	21.0739 mL	42.1479 mL
5 mM	0.843 mL	4.2148 mL	8.4296 mL
10 mM	0.4215 mL	2.1074 mL	4.2148 mL
50 mM	0.0843 mL	0.4215 mL	0.843 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.

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