

## 2-Ethylbenzofuran

## Chemical Properties

CAS No. :	3131-63-3
Formula:	C10H10O
Molecular Weight:	146.186
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	2-Ethylbenzofuran is a fused heterocyclic compound widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others
In vitro	A model study of benzbromarone was developed, starting from phenol, and the key intermediate 2-Ethylbenzofuran was obtained via an intramolecular Wittig reaction with a synthesis yield of 53%. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8404 mL	34.2021 mL	68.4041 mL
5 mM	1.3681 mL	6.8404 mL	13.6808 mL
10 mM	0.684 mL	3.4202 mL	6.8404 mL
50 mM	0.1368 mL	0.684 mL	1.3681 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

Hu K, et al. A convergent synthetic study of biologically active benzofuran derivatives. Arch Pharm Res. 2006 Jun; 29(6):476-8.

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