

Benzo[b]furan-2-carboxaldehyde

Chemical Properties

CAS No. :	4265-16-1
Formula:	C ₉ H ₆ O ₂
Molecular Weight:	146.143
Storage:	Store at 4°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Benzo[b]furan-2-carboxaldehyde is a CYP2A6 inhibitor and can be used in biochemical experiments and drug synthesis.
Targets(IC50)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8428 mL	34.2138 mL	68.4275 mL
5 mM	1.3686 mL	6.8428 mL	13.6855 mL
10 mM	0.6843 mL	3.4214 mL	6.8428 mL
50 mM	0.1369 mL	0.6843 mL	1.3686 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 X, et al. Probing chromium(III) from chromium(VI) in cells by a fluorescent sensor. Spectrochim Acta A Mol Biomol Spectrosc. 2016 Jan 15;153:505-9.

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