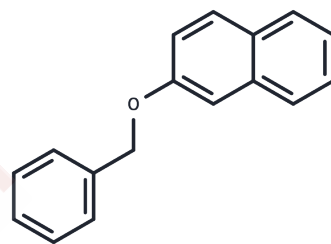


## Benzyl 2-naphthyl ether

## Chemical Properties

CAS No. :	613-62-7
Formula:	C17H14O
Molecular Weight:	234.29
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	Benzyl 2-naphthyl ether causes the activation of the aryl hydrocarbon receptor.
Targets(IC50)	Others,Aryl Hydrocarbon Receptor

## 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	4.2682 mL	21.3411 mL	42.6821 mL
5 mM	0.8536 mL	4.2682 mL	8.5364 mL
10 mM	0.4268 mL	2.1341 mL	4.2682 mL
50 mM	0.0854 mL	0.4268 mL	0.8536 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

Terasaki M, Yasuda M, Shimoi K, Jozuka K, Makino M, Shiraishi F, Nakajima D. Evaluation of sensitizers found in wastewater from paper recycling areas, and their activation of the aryl hydrocarbon receptor in vitro. *Sci Total Environ.* 2014 Sep 15;493:156-61. doi: 10.1016/j.scitotenv.2014.05.144. Epub 2014 Jun 17. PubMed PMID: 24950494.

Pravda M, Vytras K. Application of stripping voltammetry to trace lead analysis in intermediates and final products of syntheses of pharmaceuticals. *J Pharm Biomed Anal.* 1996 May;14(7):765-71. PubMed PMID: 8809700.

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