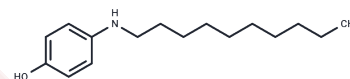


## p-Decylaminophenol

## Chemical Properties

CAS No. :	23227-12-5
Formula:	C <sub>16</sub> H <sub>27</sub> NO
Molecular Weight:	249.39
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	p-Decylaminophenol is a melanogenesis inhibitor.
Targets(IC50)	Apoptosis,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0098 mL	20.0489 mL	40.0978 mL
5 mM	0.802 mL	4.0098 mL	8.0196 mL
10 mM	0.401 mL	2.0049 mL	4.0098 mL
50 mM	0.0802 mL	0.401 mL	0.802 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

- Takahashi N, Koyama S, Hasegawa S, Yamasaki M, Imai M. Anticancer efficacy of p-dodecylaminophenol against high-risk and refractory neuroblastoma cells in vitro and in vivo. *Bioorg Med Chem Lett*. 2017 Oct 15;27(20):4664-4672. doi: 10.1016/j.bmcl.2017.09.005. Epub 2017 Sep 9. PubMed PMID: 28927789.
- Takahashi N, Imai M, Komori Y. Inhibitory effects of p-alkylaminophenol on melanogenesis. *Bioorg Med Chem*. 2014 Sep 1;22(17):4677-83. doi: 10.1016/j.bmc.2014.07.016. Epub 2014 Jul 19. PubMed PMID: 25126713.
- Komori Y, Imai M, Yamauchi T, Higashiyama K, Takahashi N. Effect of p-aminophenols on tyrosinase activity. *Bioorg Med Chem*. 2014 Aug 1;22(15):3994-4000. doi: 10.1016/j.bmc.2014.05.073. Epub 2014 Jun 11. PubMed PMID: 24972725.
- Ohba T, Yamauchi T, Higashiyama K, Takahashi N. Potent anticancer activities of novel aminophenol analogues against various cancer cell lines. *Bioorg Med Chem*. 2007 Jan 15;15(2):847-53. Epub 2006 Oct 25. PubMed PMID: 17092729.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481