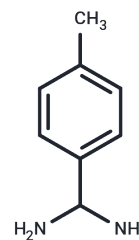


## Xylenediamine

## Chemical Properties

CAS No. :	26603-36-1
Formula:	C <sub>8</sub> H <sub>12</sub> N <sub>2</sub>
Molecular Weight:	136.198
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	Xylenediamine is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3421 mL	36.7107 mL	73.4214 mL
5 mM	1.4684 mL	7.3421 mL	14.6843 mL
10 mM	0.7342 mL	3.6711 mL	7.3421 mL
50 mM	0.1468 mL	0.7342 mL	1.4684 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

- Hinkes S, Wuttke A, Saupe SM, Ivanova T, Wagner S, Knörlein A, Heine A, Klebe G, Steinmetzer T. Optimization of Cyclic Plasmin Inhibitors: From Benzamidines to Benzylamines. *J Med Chem*. 2016 Jul 14;59(13):6370-86. doi: 10.1021/acs.jmedchem.6b00606. Epub 2016 Jun 17. PubMed PMID: 27280436.
- Kawamoto T, Tsuji M, Isse T. Comparison of IgG against plastic resin in workers with and without chemical dermatitis. *BMC Public Health*. 2015 Sep 21;15:930. doi: 10.1186/s12889-015-2302-4. PubMed PMID: 26390923; PubMed Central PMCID: PMC4576395.
- Murugesan V, Saravanabhavan M, Sekar M. Synthesis, spectral, structural characterization and biological investigation of m-Xylylenediaminium-bis (p-toluenesulfonate) monohydrate. *J Photochem Photobiol B*. 2015 Jul; 148:358-365. doi: 10.1016/j.jphotobiol.2015.04.026. Epub 2015 May 7. PubMed PMID: 26025648.
- Paseiro-Cerrato R, Rodríguez-Bernaldo de Quirós A, Sendón R, Bustos J, Sánchez JJ, López-Hernández J, Paseiro-Losada P. Instability of an aromatic amine in fatty food and fatty food simulant: characterisation of reaction products and prediction of their toxicity. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess*. 2015;32(1):100-9. doi: 10.1080/19440049.2014.975751. Epub 2014 Nov 24. PubMed PMID: 25351874.

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