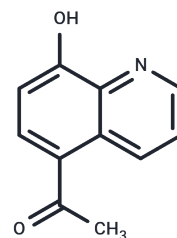


## Quinacetol free base

## Chemical Properties

CAS No. :	2598-31-4
Formula:	C <sub>11</sub> H <sub>9</sub> NO <sub>2</sub>
Molecular Weight:	187.19
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	Quinacetol is a fungicide molecular useful in organic synthesis.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3422 mL	26.7108 mL	53.4217 mL
5 mM	1.0684 mL	5.3422 mL	10.6843 mL
10 mM	0.5342 mL	2.6711 mL	5.3422 mL
50 mM	0.1068 mL	0.5342 mL	1.0684 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

Chen M, Lu G, Guo C, Yang C, Wu J, Huang W, Yee N, Dang Z. Sulfate migration in a river affected by acid mine drainage from the Dabaoshan mining area, South China. *Chemosphere*. 2015 Jan;119:734-743. doi: 10.1016/j.chemosphere.2014.07.094. Epub 2014 Sep 2. PubMed PMID: 25189685.

Davies LA, Dargue A, Dean JR, Deary ME. Use of 24 kHz ultrasound to improve sulfate precipitation from wastewater. *Ultrason Sonochem*. 2015 Mar;23:424-31. doi: 10.1016/j.ultsonch.2014.08.017. Epub 2014 Aug 23. PubMed PMID: 25218769.

Bowling FG, Heussler HS, McWhinney A, Dawson PA. Plasma and urinary sulfate determination in a cohort with autism. *Biochem Genet*. 2013 Feb;51(1-2):147-53. doi: 10.1007/s10528-012-9550-0. Epub 2012 Oct 27. PubMed PMID: 23104138.

Zhelezinskaia I, Kaufman AJ, Farquhar J, Cliff J. Large sulfur isotope fractionations associated with Neoproterozoic microbial sulfate reduction. *Science*. 2014 Nov 7;346(6210):742-4. doi: 10.1126/science.1256211. PubMed PMID: 25378623.

**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