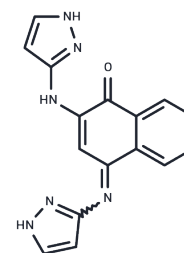


## BiPNQ

## Chemical Properties

CAS No. :	313513-16-5
Formula:	C <sub>16</sub> H <sub>12</sub> N <sub>6</sub> O
Molecular Weight:	304.31
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	BiPNQ is a Trypanosoma cruzi inhibitor. Trypanosoma cruzi is the etiological agent of Chagas disease (American trypanosomiasis).
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2861 mL	16.4306 mL	32.8612 mL
5 mM	0.6572 mL	3.2861 mL	6.5722 mL
10 mM	0.3286 mL	1.6431 mL	3.2861 mL
50 mM	0.0657 mL	0.3286 mL	0.6572 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

Sperandeo NR, Faudone SN. Evidence of Polymorphism on the Antitrypanosomal Naphthoquinone (4E)-2-(1H-Pyrazol-3-ylamino)-4-(1H-pyrazol-3-ylimino)naphthalen-1(4H)-one. Sci Pharm. 2013 Jun 4;81(3):855-64. doi: 10.3797/scipharm.1209-10. Print 2013 Jul-Sep. PubMed PMID: 24106678; PubMed Central PMCID: PMC3791945.

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