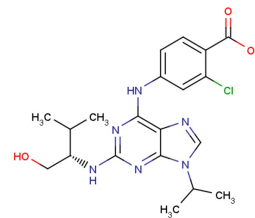


## (S)-Purvalanol B

## Chemical Properties

CAS No.:	T13454
Formula:	C <sub>20</sub> H <sub>25</sub> ClN <sub>6</sub> O <sub>3</sub>
Molecular Weight:	432.9
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	(S)-Purvalanol B is the S enantiomer of Purvalanol B. Purvalanol B is an inhibitor of cyclin-dependent kinase.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	DMSO: 76.7 mg/mL (177.18 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.31 mL	11.55 mL	23.1 mL
5 mM	0.462 mL	2.31 mL	4.62 mL
10 mM	0.231 mL	1.155 mL	2.31 mL
50 mM	0.046 mL	0.231 mL	0.462 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Bullard KM, Effects of cyclin-dependent kinase inhibitor Purvalanol B application on protein expression and developmental progression in intra-erythrocytic Plasmodium falciparum parasites. Malar J. 2015 Apr 8;14:147.

Inhibitors · Natural Compounds · Compound Libraries

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

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481