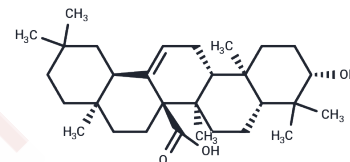


## Beta-Peltoboykinolic acid

## Chemical Properties

CAS No. :	24778-48-1
Formula:	C <sub>30</sub> H <sub>48</sub> O <sub>3</sub>
Molecular Weight:	456.7
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	Beta-Peltoboykinolic acid has in vitro protein tyrosine phosphatase 1B (PTP1B) inhibitory, it inhibits PTP1B with IC <sub>50</sub> values of 5.2+/-0.5 microM. It also has cytotoxic activity.
Targets(IC <sub>50</sub> )	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1896 mL	10.9481 mL	21.8962 mL
5 mM	0.4379 mL	2.1896 mL	4.3792 mL
10 mM	0.219 mL	1.0948 mL	2.1896 mL
50 mM	0.0438 mL	0.219 mL	0.4379 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.

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

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