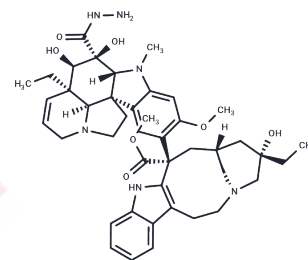


## 4-Desacetylvinblastine hydrazide

## Chemical Properties

CAS No. :	55383-37-4
Formula:	C <sub>43</sub> H <sub>56</sub> N <sub>6</sub> O <sub>7</sub>
Molecular Weight:	768.94
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	Deacetylvinblastine hydrazide, a cytotoxic vinca alkaloid often conjugated with folic acid to produce EC145, a novel folate-receptor targeted agent.
Targets(IC50)	Others, Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3005 mL	6.5025 mL	13.0049 mL
5 mM	0.2601 mL	1.3005 mL	2.601 mL
10 mM	0.130 mL	0.6502 mL	1.3005 mL
50 mM	0.026 mL	0.130 mL	0.2601 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

Roy ML, Pikal MJ, Rickard EC, Maloney AM. The effects of formulation and moisture on the stability of a freeze-dried monoclonal antibody-vinca conjugate: a test of the WLF glass transition theory. Dev Biol Stand. 1992;74:323-39; discussion 340. PubMed PMID: 1592182.

Barnett CJ, Cullinan GJ, Gerzon K, Hoying RC, Jones WE, Newlon WM, Poore GA, Robison RL, Sweeney MJ, Todd GC, Dyke RW, Nelson RL. Structure-activity relationships of dimeric Catharanthus alkaloids. 1. Deacetylvinblastine amide (vindesine) sulfate. J Med Chem. 1978 Jan;21(1):88-96. PubMed PMID: 412968.

**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