

TOPOTARGET

MSDS

Compound: PXD101 – liquid formulation in L-Arginine**Composition:**

Ingredient	Formulation (% W/v)	Unit (10ml)
PXD101	5.0	500 mg
L-Arginine, EP (Infusion grade)	10.0	1000 mg
Water for irrigation	To 100.0	To 10 ml

There is an overfill of 0.5ml.

PXD101 in L-Arginine is filled in 10R Type I glass vials capped with an ETFE-coated chlorobutyl rubber stopper. The vial is capped with an aluminium white "flip-off" collar.

- Hazards:** It is cytotoxic to cancer cells.
The compound is not flammable or corrosive.
- First Aid Measures:** If contact with eyes or skin wash with copious amounts of water.
If ingested or inhaled wash mouth with water and seek medical attention.
- Fire fighting:** There are no special fire fighting precautions to be taken except for the wearing of protective clothing and respirator when dealing with laboratory fire.
- Accidental Release:** Spills should be cleaned with paper towels or spill pillows and the waste disposed of as that for unknown hazard.
- Handling** Compound should be handled using laboratory coat, gloves and eye protection. The compound should be stored at 2-8°C.
- Properties:** The chemical and physical properties of PXD101 have not been extensively investigated. PXD101 – liquid formulation in L-Arginine is a clear, yellow liquid with a pH in the range 9-9.9.
- Reactivity:** The chemical reactivity of the compound is not known but is expected to be inert.
- Toxicology Data:** In dogs, atrophy of lymphoid tissue and reductions in circulating lymphocytes are observed following repeat intravenous dosing. This is believed to be related to the broad spectrum antiproliferative effect of the compound. In rats, only slight effects were observed on blood cell populations. The major toxicity was irritation at injection sites. Arginine is classed by FDA as an inactive ingredient approved for medicinal products with a maximal permissible potency of 88%. The potency in PXD101 is equivalent to 10%.
- Ecological** The effects on the environment of any release are unknown