**Paclitaxel MTX1081**

**Technical literature is available at:** [**www.mesgenbio.com**](http://www.mesgenbio.com)**. E-mail MesGen Technical Services if you have questions on use of this system: tech@mesgenbio.com**

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**Packaging Size :** 200mg □ 1g □

**![[field:text /]]()Lot Number :** Refer to vial

**CAS :** [33069-62-4](http://www.chemicalbook.com/CAS_33069-62-4.htm)

**Formula :** C47H51NO14

**Molecular Weight :** 853.92

**Solvent & Solubility**

DMSO: ≥ 31 mg/mL; H2O: < 0.1 mg/mL

Paclitaxel is dissolved at 20 mg/mL in DMSO and freshly diluted (1:1-1:200) as a suspension with PBS.
Paclitaxel is dissolved in DMSO, aliquoted and stored at -80°C until further use.

**Biochem/physiol Actions**

Paclitaxel is a potent anticancer agent known to promote microtubule (MT) assembly, inhibit MT depolymerization, and change MT dynamics required for mitosis and cell proliferation.

**Storage condition**

2-8 ºC

***For Research Use Only. Not For Use In Diagnostic Procedures.***