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## **Product Information**

Product ID C002041 CAS No. 183133-96-2

Chemical Name 1-hydroxy-7,10-dimethoxy-9-oxo-5,20-epoxytax-11-ene-2,4,13-triyl 4-

acetate 2-benzoate 13-((2R,3S)-3-(((tertbutoxy)carbonyl)amino)-2-

hydroxy-3-phenylpropanoate)

Synonym XPR-6258, TXD 258, Taxoid XRP6258, RPR 116258A, jevtana.

Formula C<sub>45</sub>H<sub>57</sub>NO<sub>14</sub> Formula Wt. 835.94

**Melting Point** 

Purity ≥98%

Solubility Soluble in DMSO (~100

mg/mL), ethanol (~50

Store Temp -20°C

Ship Temp Ambient

mg/mL). Sparingly soluble in water.

C002041 10 mg C002041 25 mg C002041 100 mg C002041 500 mg

Description Cabazitaxel is a semi-synthetic taxoid that is an effective antineplastic agent used in the treatment of prostate cancer and breast cancer. Cabazitaxel is shown to disrupt the microtubular network in cells that exhibit P-glycoprotein (Pgp) mediated drug resistance. Its poor affinity for Pgp makes it a more effective therapeutic agent than docetaxel in cancer cells that

become resistant to taxane class of cancer drugs.

## References

Bulk quanitites available upon request

5 mg

Product ID Size

C002041