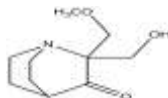


**PRODUCT: PRIMA-1<sup>MET</sup>****ALTERNATE NAME:** 2-(Hydroxymethyl)-2-(methoxymethyl)-1-azabicyclo[2.2.2]octan-3-one; APR-246**CATALOG #:** 9485-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>10</sub>H<sub>17</sub>NO<sub>3</sub>**MOLECULAR WEIGHT:** 199.25**CAS NUMBER:** 5291-32-7**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>15 mg/ml) or H<sub>2</sub>O (>15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** PRIMA-1MET is a methylated derivative of PRIMA-1 (Cat. No. 2170). Restores mutant activity p53 activity. Acts synergistically with chemotherapeutic agents to inhibit tumor cell proliferation. At 25-50 μM, it can also dose-dependently inhibit thioredoxin reductase, a key regulator of cellular redox balance.**REFERENCES:** Aryee, D.N. *et al.* (2013). *Br. J. Cancer* **109**, 2696-2704.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

GN25 (Cat. No. 9430-5, 25)

NSC146109 hydrochloride (**Cat. No. 1907-5**)Nutlin-3 (**Cat. No. 1842-1, 5**)PRIMA-1 (**Cat. No. 2170-5, 25**)RITA (**Cat. No. 2469-5, 25**)STIMA-1 (**9437-10,50**)Tenovin-1 (**Cat. No. 9400-5, 25**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**