

Catalog No. 11216-046 5 mg

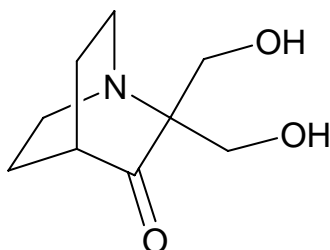
PRODUCT: PRIMA-1
2,2-bis(Hydroxymethyl)-1-azabicyclo[2.2.2]octan-3-one

CAS NO. 5608-24-2

CATALOG NO.: 11216-046

SIZE: 5 mg

STRUCTURE:



PHYSICAL APPEARANCE: White solid (m.p. 142-144°C)

MOLECULAR FORMULA: C₉H₁₅NO₃ MOLECULAR WEIGHT: 185.2

PURITY: 99% (TLC: 20% Methanol/methylene chloride; R_f = 0.20)

SOLUBILITY: Soluble in water (20 mg/mL)

STORAGE: Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.

APPLICATION NOTES: A novel cell-permeable p53 reactivating agent. PRIMA-1 restores sequence-specific DNA binding and the active conformation to mutant p53 (13 of 14 p53 mutants tested) *in vitro* and in living cells. PRIMA-1 induces apoptosis in human tumor cell lines and displays antitumor activity in mice¹. The product is not sterile.

REFERENCES: 1. V.J.Bykov *et al. Nature Med.* 2002 **8** 282

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.