17-DMAG, Hydrochloride

ALTERNATE NAME: 17-(Dimethylaminoethylamino)-17-demethoxygeldanamycin Hydrochloride; Alvespimycin

CATALOG #: 1776-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₃₂H₄₈N₄O₈•HCl

MOLECULAR WEIGHT: 653.21

CAS NUMBER: 467214-21-7

APPEARANCE: Purple solid

SOLUBILITY: DMSO or water (2 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: A water-soluble analog of 17-AAG (Cat. No. 1774-1,5) that displays better stability and low in vivo toxicity similar to 17-AAG, but undergoes limited metabolism compared to 17-AAG. Binds specifically to heat shock protein90 (Hsp90) in a manner similar to geldanamycin.


HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:
- Geldanamycin (Cat. No. 1564-1,5)
- NVP-AUY922 (Cat. No. 1591-1,5)
- 17-AAG (Cat. No. 1774-1,5)