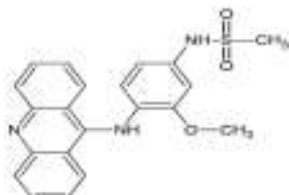


Amsacrine

ALTERNATE NAME: Amsidine
N-[4-(acridin-9-ylamino)-3-methoxyphenyl]methanesulfonamide
m-AMSA

CATALOG #: B2445-10 10 mg
B2445-50 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₁₉N₃O₃S

MOLECULAR WEIGHT: 393.46

CAS NUMBER: 51264-14-3

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: >8 mg/ml DMSO

DESCRIPTION: Amsacrine is a potent DNA intercalating and an antineoplastic agent. One of the ways amsacrine works is by blocking an enzyme topoisomerase 2. It is effective in the treatment of acute leukemias and malignant lymphomas, but has poor activity in the treatment of solid tumors. It is frequently used in combination with other antineoplastic agents in chemotherapy protocols.

REFERENCES: Thomas, D., et al. (2004). Br. J. Pharmacol. 142, 484-494.

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

RELATED PRODUCTS:

Topotecan hydrochloride (B2050)
Etoposide (1043)
Ellipticine (9579)
Carboplatin (1553)
TAS-103 (B1841)
5-Fluorouracil (B1519)

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