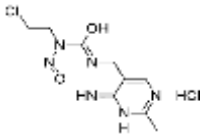
PRODUCT: Nimustine hydrochloride

ALTERNATE NAMES: 3-((4-Amino-2-methyl-5-pyrimidinyl)methyl)-1-(2-chloroethyl)-1-nitrosourea hydrochloride; NSC-245,382; NSC245,382

CATALOG NUMBER: B2069-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: $C_9H_{14}Cl_2N_6O_2$

MOLECULAR WEIGHT: 309.15

CAS NUMBER: 55661-38-6

APPEARANCE: White to yellow solid

SOLUBILITY: DMSO (>20 mg/ml) or H_2O (>30 mg/ml)

PURITY: ≥97%

STORAGE: Store at -20 ℃. Protect from air and moisture

DESCRIPTION: Nimustine is a nitrosourea compound that displays anticancer activity. Nimustine induces DNA cross-linking and double-stranded DNA breaks. Nimustine is clinically used to treat gliomas and may also downregulate expression of DNA ligase IV.

REFERENCES:

Kondo, N., *et al.* (2010). *Cancer Sci.* **101,** 1881-1885.

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

RELATED PRODUCTS:

Betulinic Acid **(Cat. No. 1552-25)**
Bexarotene **(Cat. No. 1575-5, 50)**
Camptothecin **(Cat. No. 1039-1, 50MG, 500MG)**
10-Hydroxycamptothecin **(Cat. No. B1995-50, 250)**
Capecitabine (Cat. No. 1741-100, 1000)
Carboplatin **(Cat. No. 1553-100)**
Cisplatin **(Cat. No. 1550-100,1000)**
Colchicine **(Cat. No. 1519-1000)**
Daunorubicin.HCl **(1524-10,50,500)**
Docetaxel **(Cat. No. 2232-10, 50)**
Doxorubicin HCl **(Cat. No. 1527-5)**
(-)-Epigallocatechin gallate **(Cat. No. 1841-50)**
Epothilone B **(Cat. No. 2012-1, 5)**
Fludarabine Phosphate **(Cat. No. 1763-10, 50)**
Gemcitabine Hydrochloride **(Cat. No. 1759-25, 100)**
Genistein **(Cat. No. 1533-10)**
Lasalocid Sodium **(Cat. No. B1587-5,25)**
Ilimaquinone **(Cat. No. 2038-100)**
Nedaplatin **(Cat. No. 1576-5)**
Nimustine hydrochloride **(Cat. No. B2069-10, 50)**
Nocodazole **(Cat. No. 2185-10, 50)**
Oxaliplatin **(Cat. No. 1577-25)**
Piperlongumine **(Cat. No. 1919-10, 50)**
Paclitaxel **(Cat. No. 1567-25)**
Solamargine **(Cat. No. B1586-5,25)**
Tamoxifen Citrate **(Cat. No. 1551-1000)**
Vinorelbine Tartrate **(Cat. No. 1957-5, 25)**

USAGE: ***FOR RESEARCH USE ONLY! Not to be used in humans***

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