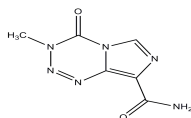


PRODUCT: Temozolomide**ALTERNATE NAME:** 3,4-Dihydro-3-methyl-4-oxoimidazo[5,1-d]-1,2,3,5-tetrazine-8-carboxamide; NSC 362856; CCRG 81045**CATALOG #:** 2226-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₆H₆N₆O₂**MOLECULAR WEIGHT:** 194.15**CAS NUMBER:** 85622-93-1**APPEARANCE:** Beige solid**SOLUBILITY:** DMSO (50 mM)**PURITY:** ≥98% by HPLC**STORAGE:** At -20° C. Protect from air and moisture**DESCRIPTION:** A DNA methylating agent. A second-generation imidazotetrazine prodrug that undergoes spontaneous conversion under physiological conditions to the active alkylating agent MTIC (3-methyl-(triazen-1-yl)imidazole-4-carboxamide). Displays antitumor activity against a broad spectrum of tumors, including leukemias, lymphomas and solid tumors.**REFERENCE:** Friedman, H.S., *et al.* (2000). *Clin. Cancer Res.* **6**, 2585-2597.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

AMI-1 (Cat. No. 1943-5, 25)

Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)

5- BIX01294 (Cat. No. 1678-5, 25)

Bromodomain Inhibitor, (+)-JQ1 (Cat. No. 2070-1, 5)

EZSolution™ (+)-JQ1 (Cat. No. 2091-1)

3-Deazaneplanocin (Cat. No. 2060-250, 1000)

Lomeguatrib (Cat. No. 2224-5, 25)

RG108 (Cat. No. 1679-10, 30)

UNC0638 (Cat. No. 1933-1, 5)

Zebularine (Cat. No. 2225-1, 5)

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