Temozolomide

AGT inhibitor

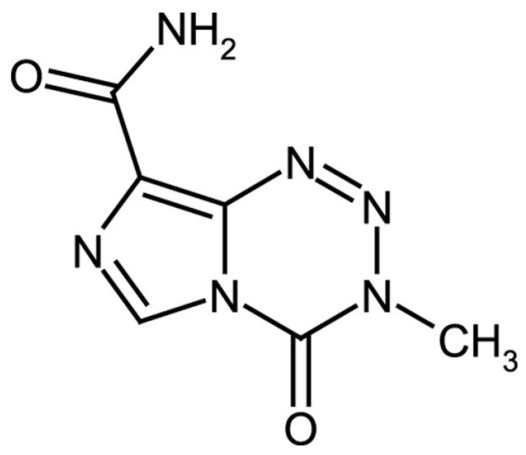
Antitumor and antiangiogenic compound. DNA alkylating agent. Induces G2/M arrest and apoptosis through adduction of a methyl group to O6 position of guanine in genomic DNA. Inactivates DNA repair protein O(6)-alkylguanine DNA alkyltransferase (AGT) in base excision repair (BER) pathway. Chemotherapeutic agent. Modifies drug resistance.

Citations: 17 View Online »

Ordering Information Order Online »

ALX-420-044-M025	25mg
ALX-420-044-M100	100mg

Manuals, SDS & CofA View Online »

NH2
O
N
N
N
N
N
CH3
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-Carbamoyl-3-methylimidazo[5,1-d]-1,2,3,5-tetrazin-4(3H)-one
Appearance	White to off-white crystalline powder.
CAS	85622-93-1
Couple Target	DNA alkyltransferase
Couple Type	Inhibitor
Formula	$C_6H_6N_6O_2$
MI	**14:** 9139
MW	194.2
Purity	≥98% (HPLC)
RTECS	NJ5927050
Solubility	Soluble in DMSO; slightly soluble in water.

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