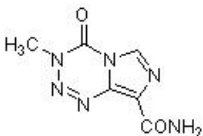


Product datasheet

Temozolomide, DNA alkylating/methylating chemotherapeutic agent ab141055

[1 References](#) [1 Image](#)

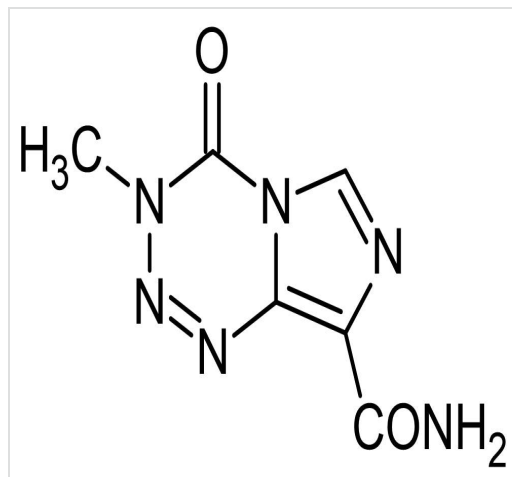
Overview

Product name	Temozolomide, DNA alkylating/methylating chemotherapeutic agent
Description	DNA alkylating/methylating chemotherapeutic agent
Biological description	DNA alkylating/methylating chemotherapeutic agent. Inhibits DNA replication. Anti-cancer and apoptotic activity <i>in vitro</i> and <i>in vivo</i> . Crosses the blood-brain barrier.
Purity	> 99%
CAS Number	85622-93-1
Chemical structure	

Properties

Chemical name	3,4-Dihydro-3-methyl-4-oxoimidazo[5,1-d]-1,2,3,5-tetrazine-8-carboxamide
Molecular weight	194.15
Molecular formula	C ₆ H ₆ N ₆ O ₂
PubChem identifier	5394
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CN1C(=O)N2C=NC(=C2N=N1)C(=O)N

Images



2D chemical structure image of ab141055, Temozolomide, DNA alkylating/methylating chemotherapeutic agent

Chemical Structure - Temozolomide, DNA alkylating/methylating chemotherapeutic agent (ab141055)

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