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Temozolomide

Catalogue No.: abx076736

Temozolomide is a small molecule. Temozolomide is a membrane permeable DNA alkylating agent which acts as an anti-tumor and anti-angiogenic agent by alkylating the N-7 or O-6 positions of guanine residues which triggers tumor cell death (1-2). It has been used clinically as an anti-cancer agent (3) and has been found to induce autophagy in a variety of cell lines (4).

Target:	Temozolomide
Origin:	Synthetic
Purity:	≥99% (TLC); NMR(Conforms)
Form:	Off white powder
CAS Number:	85622-93-1
Storage:	Store at -20 °C.
Molecular Weight:	194.2
Molecular Formula:	C ₆ H ₆ N ₆ O ₂
SMILES:	<chem>CN1C(=O)N2C=NC(=C2N=N1)C(=O)N</chem>
Note:	This product is for research use only.