

替莫唑胺($\geq 98\%$, Reagent grade)

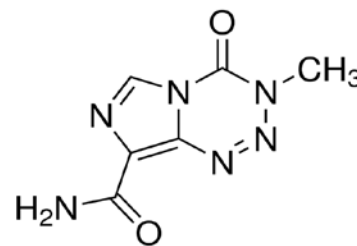
产品编号	产品名称	包装
ST1695-5mg	替莫唑胺($\geq 98\%$, Reagent grade)	5mg
ST1695-25mg	替莫唑胺($\geq 98\%$, Reagent grade)	25mg
ST1695-100mg	替莫唑胺($\geq 98\%$, Reagent grade)	100mg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
85622-93-1	C ₆ H ₆ N ₆ O ₂	194.15	$\geq 98\%$	Reagent grade

➤ 基本信息(General Information):

Name (Chinese)	替莫唑胺
Name (English)	Temozolomide
Specifications	Reagent grade, $\geq 98\%$ (HPLC)
Chemical Formula	C ₆ H ₆ N ₆ O ₂
Synonym (Chinese)	3,4-二氢-3-甲基-4-氧代咪唑并[5,1-d]-1,2,3,5-四嗪-8-甲酰胺, 3-甲基-4-氧代-3,4-二氢咪唑并[5,1-d][1,2,3,5]四嗪-8-甲酰胺, 4-甲基-5-氧代-2,3,4,6,8-五氮杂双环[4.3.0]壬基-2,7,9-三烯-9-甲酰胺, 8-氮甲酰-3-甲基咪唑[5,1-d]-1,2,3,5-四嗪-4(3H)-酮, NSC 362856
Synonym (English)	3,4-Dihydro-3-methyl-4-oxoimidazo[5,1-d]-1,2,3,5-tetrazine-8-carboxamide; 3-Methyl-4-oxo-8-imidazolo[5,1-d][1,2,3,5]tetrazine ecarboxamide; 4-Methyl-5-oxo-2,3,4,6,8-pentazabicyclo[4.3.0]non a-2,7,9-triene-9-carboxamide; 8-Carbamoyl-3-methylimidazo[5,1-d]-1,2
Beilstein Registry No.	-
EINECS Number	-
MDL Number	MFCD00866492
UNSPSC Code	12352200




➤ 产品描述(Description):

Application	替莫唑胺已可用于分析胶质母细胞瘤细胞系的耐药机制15, 16。
Biochem/physiol Actions	替莫唑胺是一种DNA甲基化剂和耐药修饰剂; 抗肿瘤和抗血管生成。替莫唑胺诱导G2/M阻滞和凋亡, 原理是其通过基因组DNA中一个甲基基团内收至鸟嘌呤的O6位置, 以及碱基切除修复(BER)途径中DNA修复蛋白O(6)-烷基鸟嘌呤DNA烷基转移酶(AGT)的功能失活。
Preparation Note	替莫唑胺溶于DMSO, 溶解浓度大于20mg/ml。它不溶于水。

➤ 性质(Properties):

assay	$\geq 98\%$ (HPLC)
storage temp	2-8°C
solubility	DMSO: soluble 10mg/mL, clear
solubility	H ₂ O: insoluble
form	powder
color	white to light brown

➤ 安全信息(Safety Information):

Hazard Pictogram Codes	
Signal Word	Danger
Hazard Statements	H302-H315-H319-H335-H350-H360
Precautionary Statements	P201-P261-P305 + P351 + P338-P308 + P313
Personal Protective Equipment	Eyeshields, full-face particle respirator type N100 (US), Gloves, respirator cartridge type N100 (US), type P1 (EN143) respirator filter, type P3 (EN 143) respirator cartridges
Hazard Codes (Europe)	T
Risk Codes (Europe)	45-46-60-61-22-36/37/38
Safety Codes (Europe)	53-26-36/37-45
RIDADR	NONH for all modes of transport
WGK Germany	3
RTECS	NJ5927050
Flash Point (F)	-
Flash Point (C)	-

包装清单:

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—	说明书	1份

保存条件:

4°C保存, 三年有效。

注意事项:

- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

Version 2019.07.10