

Altretamine, GPX4 inhibitor; Ferroptosis inducer

Catalog	Unit
TBI5592-20MG	20mg
TBI5592-100MG	100mg

Product Details

Formal Name: N2,N2,N4,N4,N6,N6-Hexamethyl-1,3,5-triazine-2,4,6-triamine; 2,4,6-Tris(dimethylamino)-1,3,5-triazine

Alternate Names: Hexamethylmelamine; NSC-13875

Molecular Formula: C₉H₁₈N₆

Formula Weight: 210.30

CAS Number: 645-05-6

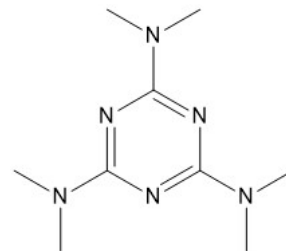
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (40 mg/ml)

Storage: RT

Stability: ≥ 1 year.



Applications

GPX4 inhibitor; Ferroptosis inducer

Functions

Induces ferroptosis by inhibiting glutathione peroxidase 4 (GPX4) which causes accumulation of lipid hydroperoxides. Ferroptosis induction may be its mechanism of action as a cancer chemotherapeutic. Clinically useful agent for ovarian cancer.

Application Procedures

First dissolved in DMSO (40 mg/ml), then diluted to aqueous buffer.

For research use only.