

Catalog	Unit
TBI2781 - 10MG	10 mg
TBI2781 - 50MG	50 mg

Product Details

Formal Name: 1-(5-Hydroxyhexyl)-3,7-dimethylpurine-2,6-dione (racemic)

Alternate Names: LSF; BL-194

Molecular Formula: C₁₃H₂₀N₄O₃

Formula Weight: 280.33

CAS Number: 6493-06-7

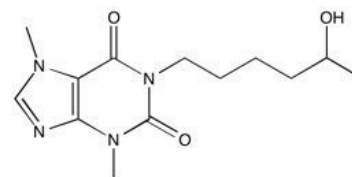
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 60 mg/ml) or in Ethanol (up to 20 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Antidiabetic and anti-inflammatory agent

Functions

Lisofylline (6493-06-7, racemic) displays anti-inflammatory activity. Regulates immune cell function and autoimmune response by inhibition of IL-12 signalling and cytokine production. Protects pancreatic beta cells and prevents type I diabetes in non-obese diabetic mice. Lisofylline reduces LPS-induced TNF alpha levels in CD-1 mice. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 60 mg/ml) or in Ethanol (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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