
Catalog	Unit
TBI1734 - 50MG	50 mg
TBI1734 - 100MG	100mg

Product Details

Formal Name: 2-(3,4-Dimethoxybenzyl)-7-((1R)-1-((1R)-1-hydroxyethyl)-4-phenylbutyl)-5-methylimidazo[5,1-f][1,2,4]triazin-4(3H)-one.

Alternate Name: Bay-60-7550.

Molecular Formula: C₂₇H₃₂N₄O₄.

Formula Weight: 476.6.

CAS Number: 439083-90-6

Purity: ≥98%

Formulation: Powder.

Solubility: Soluble in DMSO or Ethanol (up to 15 mg/ml).

Storage: -20°C.

Stability: ≥ 2 years.

Applications

PDE2, especially PDE2A inhibitors.

Neurodegenerative disease

Functions

BAY-60-7550 is a potent Type 2 cyclic nucleotide phosphodiesterase (PDE2) inhibitor with IC₅₀ values of 2.0 nM (bovine) and 4.7 nM (human). BAY-60-7550 is an analog of EHNA, which is more than 100-fold more potent and is highly selective for PDE2A.

Application Procedures

First dissolved in DMSO (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

Relative Products

TBI2438	EHNA Hydrochloride, PDE2 and ADA Inhibitor
TBI1220	Anagrelide HCl, PDE3 Inhibitor
TBI1221	Sildenafil Citrate, PDE5 Inhibitor
TBI1126	Vinpocetine, PDE1 Inhibitor
TBI1408	BC-11-38, PDE11 Inhibitor
TBI1319	BML-288, PDE2 Inhibitor
TBI2584	Cilostamide, PDE3 Inhibitor
TBI1131	Cilostazol, PDE3A Inhibitor
TBI2657	Roflumilast, PDE4 Inhibitor
TBI1014	RO 20-1724, PDE4 Inhibitor
TBI1079	Rolipram, PDE 4 Inhibitor
TBI1300	BRL-50481, PDE7 Inhibitor

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