

Catalog	Unit
TBI1319 -5MG	5 mg
TBI1319 -25MG	25 mg

Product Details

Formal Name: 6,7-Dihydro-5-methyl-6-oxo-N-(1,3,4-thiadiazol-2-yl)-5H-furo[2,3-f] indole-7-carboxamide.

Molecular Formula: C₁₄H₁₀N₄O₃S.

Formula Weight: 314.32

CAS Number: 851681-89-5.

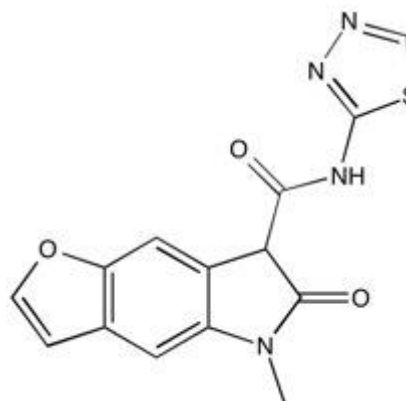
Purity: ≥98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years



Applications

Phosphodiesterase 2 (PDE2) inhibitor.

Functions

BML-288 is a potent and selective inhibitor of phosphodiesterase PDE2 (IC₅₀ = 40 nM). BML-288 is more potent and selective than EHNA (TBI2438), another commonly used PDE2 inhibitor. Displays no effect on a panel of over 80 receptors, ion channels and enzymes. BML-288 is cell permeable.

Application Procedures

BML-288 can be first dissolved in DMSO, then diluted to aqueous buffer. It can be directly dissolved in water up to 20mg/mL. The solution can be stored at -20°C for up to 2 weeks.

Relative Products

TBI2438	EHNA Hydrochloride, PDE2 and ADA Inhibitor
TBI1220	Anagrelide HCl, PDE3 Inhibitor
TBI2657	Roflumilast, PDE4 Inhibitor
TBI1221	Sildenafil citrate, PDE5 Inhibitor
TBI1008	IBMX, PDE Inhibitor (Pan Specific)
TBI1126	Vinpocetine, PDE1 Inhibitor
TBI1408	BC-11-38, PDE11 Inhibitor
TBI1319	BML-288, PDE2 Inhibitor
TBI2584	Cilostamide, PDE3 Inhibitor
TBI1131	Cilostazol, PDE3A Inhibitor
TBI1014	RO 20-1724, PDE4 Inhibitor

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