

Catalog	Unit
TBI2636 - 10MG	10 mg
TBI2636 - 50MG	50 mg

Product Details

Formal Name: 5-([1,1'-Biphenyl]-4-ylmethyl)-N,N-dimethyl-1H-tetrazole-1-carboxamide

Molecular Formula: C₁₇H₁₇N₅O

Formula Weight: 307.35

CAS Number: 874902-19-9

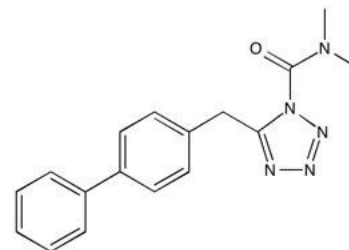
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (greater than 25 mg/ml) or in Ethanol (up to 15 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Anandamide uptake inhibitor

Functions

LY-2183240 (874902-19-9) is highly potent inhibitor of cellular anandamide uptake (IC₅₀ = 0.27nM, 15nM). LY-2183240 has also been found to be an inhibitor of fatty acid amide hydrolase (FAAH) – IC₅₀ = 14nM, diacylglycerol lipase (DAGL) and monoacylglycerol lipase (MAGL) – IC₅₀ = 5.3nM.

Application Procedures

First dissolved in DMSO (greater than 25 mg/ml) or in Ethanol (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

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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