

Catalog	Unit
TBI4275 - 10MG	10 mg
TBI4275 - 50MG	50 mg

Product Details

Formal Name: 1-[(2,6-Difluorophenyl)methyl]-1H-1,2,3-triazole-4-carboxamide

Molecular Formula: C₁₀H₈F₂N₄O₂

Formula Weight: 238.19

CAS Number: 106308-44-5

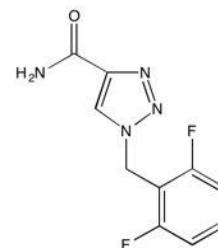
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 10 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Anticonvulsant; Cognition enhancer

Functions

Rufinamide (106308-44-5) is a clinically useful anticonvulsant medication. Its mechanism of action is believed to be inhibition of Na_v1.1 and Na_v1.6 activation. Rufinamide improved cognitive function and increased neurogenesis in gerbils via increases in IGF-1, IGF-1R, and p-CREB.

Application Procedures

First dissolved in Soluble in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO 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

For research use only.