

Catalog	Unit
TBI4656-5MG	5 mg
TBI4656-25MG	25 mg

Product Details

Formal Name: N-[(2,4-Difluorophenyl)methyl]-2-[2-[[[2-(4-methoxyphenyl)acetyl]amino]methyl]phenyl]benzamide

Molecular Formula: C₃₀H₂₆F₂N₂O₃

Formula Weight: 500.6

CAS Number: 498577-46-1

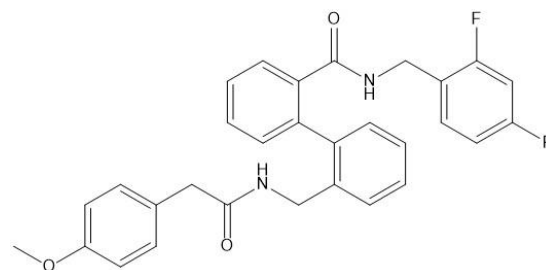
Purity: >97%

Formulation: Powder

Solubility: Soluble in DMSO (25 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Potent and selective K2P3.1 blocker

Functions

Potent and selective blocker of the two-pore domain potassium channels K_{2p}3.1 (TASK-1; IC₅₀ = 7 nM) and K_{2p}9.1 (TASK-3; IC₅₀ = 70 nM). It stimulated breathing in isoflurane-anesthetized rats.

Application Procedures

First dissolved in DMSO (25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.