

m-3M3FBS, Phospholipase C activator

Catalog	Unit
TBI2718-10MG	10 mg
TBI2718-50MG	50 mg

Product Details

Formal Name: 2,4,6-Trimethyl-N-[3-(trifluoromethyl)phenyl]benzenesulfonamide

Molecular Formula: C₁₆H₁₆F₃NO₂S

Formula Weight: 343.37

CAS Number: 200933-14-8

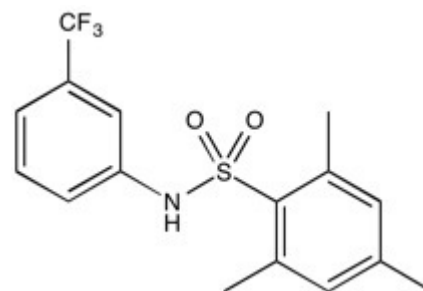
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 40 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Phospholipase C activator

Functions

Activator of phospholipase C (PLC). Stimulates superoxide generation, Ca²⁺ release and inositol phosphate release in a variety of cell types. Inhibits growth of U937 and THP-1 cells. Also affects calcium homeostasis independently of PLC activation.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 40 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.