

SCH-202676, G-protein inhibitor

Catalog	Unit
TBI1048-5MG	5 mg
TBI1048-25MG	25 mg

Product Details

Formal Name: N-(2,3-Diphenyl-1,2,4-thiadiazol-5-(2H)-ylidene)methanamine hydrobromide

Molecular Formula: C₁₅H₁₆BrN₃S

Formula Weight: 350.28

CAS Number: 70375-43-8

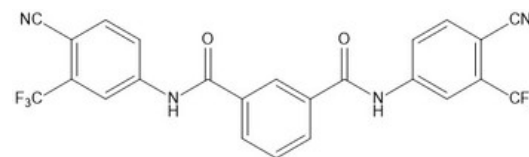
Purity: >98%

Formulation: powder

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

Storage: RT

Stability: ≥ 1 year.



Applications

G-protein inhibitor

Functions

SCH-202676 is a reversible inhibitor of both agonist and antagonist binding to G protein-coupled receptors (GPCRs). IC₅₀'s = 0.1-1.7 μM for nine GPCRs. Modification of GPCRs is accomplished via sulfhydryl modification.

Application Procedures

First dissolved in DMSO (up to 10 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.