SCH 202676 (hydrobromide)

CAS Registry No.: 265980-25-4

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

MF: C_{15}H_{13}N_{3}S • HBr

FW: 348.3

Purity: ≥95%

Stability: ≥2 years at -20°C

Supplied as: A crystalline solid

UV/Vis: λ_{max}: 205, 275 nm

Product Information

For long term storage, we suggest that SCH 202676 (hydrobromide) be stored as supplied at -20°C. It should be stable for at least two years.

SCH 202676 (hydrobromide) is supplied as a crystalline solid. A stock solution may be made by dissolving the SCH 202676 (hydrobromide) in the solvent of choice. SCH 202676 (hydrobromide) is soluble in organic solvents such as DMSO and dimethyl formamide, which should be purged with an inert gas. The solubility of SCH 202676 (hydrobromide) in these solvents is approximately 10 and 5 mg/ml, respectively.

SCH 202676 (hydrobromide) is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, SCH 202676 (hydrobromide) should first be dissolved in DMSO and then diluted with the aqueous buffer of choice. SCH 202676 (hydrobromide) has a solubility of approximately 0.5 mg/ml in a 1:1 solution of DMSO:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

SCH 202676 is a reversible inhibitor of both agonist and antagonist binding to diverse G protein-coupled receptors (GPCRs).

References


Related Products

For a list of related products please visit: www.caymanchem.com/catalog/16945

WARNING: THIS PRODUCT IS FOR LABORATORY RESEARCH ONLY: NOT FOR ADMINISTRATION TO HUMANS. NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some, but not all, of the information required for the safe and proper use of this material. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY

Cayman Chemical makes no warranty or guarantee of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular purpose, suitability and merchantability, which extends beyond the description of the chemicals hereof. Cayman warrants only to the original customer that the material will meet our specifications at the time of delivery.

Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have any obligation or liability, whether in tort (including negligence) or in contract, for any direct, indirect, incidental or consequential damages, even if Cayman is informed about their possible existence.

This limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees.

Buyer’s exclusive remedy and Cayman’s sole liability hereunder shall be limited to a refund of the purchase price, or at Cayman’s option, the replacement, at no cost to Buyer, of all material that does not meet our specifications.

Acknowledgement

Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver by Buyer of all claims hereunder with respect to said material.

For further details, please refer to our Warranty and Limitation of Remedy located on our website and in our catalog.

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