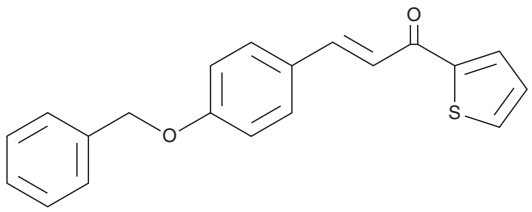
PRODUCT INFORMATION

hMAO-B-IN-4

Item No. 46406

CAS Registry No.: 1666119-75-0
Synonyms: B10, hMAO-B Inhibitor 4, Human Monoamine Oxidase B-IN-4, Human Monoamine Oxidase B Inhibitor 4
Formal Name: 3-[4-(phenylmethoxy)phenyl]-1-(2-thienyl)-2E-propen-1-one
MF: $C_{20}H_{16}O_2S$
FW: 320.4
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

hMAO-B-IN-4 is supplied as a solid. A stock solution may be made by dissolving the hMAO-B-IN-4 in the solvent of choice, which should be purged with an inert gas. hMAO-B-IN-4 is sparingly soluble (1-10 mg/ml) in DMSO.

Description

hMAO-B-IN-4 is an inhibitor of monoamine oxidase B (MAO-B; IC_{50} = 0.067 µM).[1] It is selective for MAO-B over MAO-A (IC_{50} = 33.821 µM).

Reference

1. Sudevan, S.T., Oh, J.M., Abdelgawad, M.A., *et al.* Introduction of benzyloxy pharmacophore into aryl/heteroaryl chalcone motifs as a new class of monoamine oxidase B inhibitors. *Sci. Rep.* **12(1)**, 22404 (2022).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. 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
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