

SGC 6870 Biochemical | SGC6870 biochemical

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CATALOG #
AAA227244

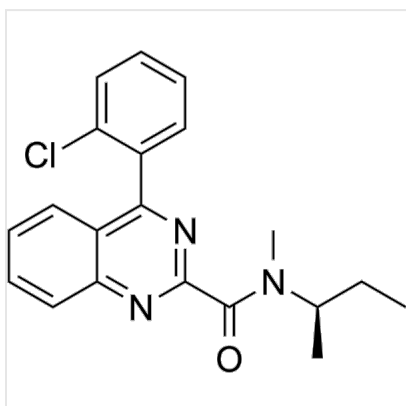
PRODUCT SYNONYMS

SGC 6870; SGC6870 biochemical

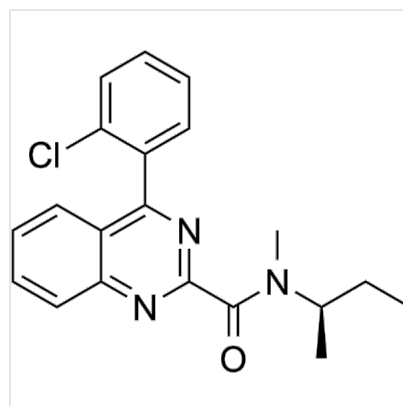
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Ethanol: 46.94 mg/mL(100 mM) DMSO: 46.94 mg/mL(100 mM) <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
ER176, CAS 1373887-29-6



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ADDITIONAL INFORMATION

Related Product Information for SGC6870 biochemical	Potent and selective protein arginine methyltransferase 6 (PRMT6) inhibitor (IC ₅₀ = 77 nM). Exhibits selectivity over all other PRMTs and 23 methyltransferases. In HEK293T cells overexpressing PRMT6, inhibits asymmetric dimethylation of H3R2 (IC ₅₀ = 0.8 μM) Negative control SGC 6870N also available.
References	- Masahiro Fujita, et al. Comparison of four 11 C-labeled PET ligands to quantify translocator protein 18 kDa (TSPO) in human brain: (R)-PK11195, PBR28, DPA-713, and ER176-based on recent publications that measured specific-to-non-displaceable ratios. EJNMMI Res. 2017 Oct 16;7(1):84. - Jason C Mixdorf, et al. Alternative strategies for the synthesis of [11 C]ER176 for PET imaging of neuroinflammation. Appl Radiat Isot. 2021 Sep 17;178:109954.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

