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DATASHEET

CA200931 CellAura fluorescent GABAB antagonist [CGP-54626A] [Discontinued]

Product overview

CA200931 CellAura fluorescent GABAB antagonist [CGP-54626A] [Discontinued] Name

Cat No

Biological description This product is now discontinued. Please contact us if you require a custom quote for this

product.

Fluorescent GABA_B antagonist (pK_D = 7.97). A fluorescent GABA_B receptor ligand derived from

CGP-54626A GABA_R antagonist. Shown to antagonize the activity of the GABA.

CA200931 | GB-633-AN | GABAB antagonist [CGP-54626A] Alternative names

Biological action

Antagonist >97% **Purity**

Description Fluorescent GABA_B receptor antagonist (NOW DISCONTINUED)

Biological Data

Application notes Pharmacological validation For imaging at the $GABA_{B1}/_{B2}$ receptor use solutions up to 100 nM.

The CA200931 Fluorescent GABA_B receptor antagonist was shown to antagonize the activity of the GABA_B agonist, GABA, in a recombinant CHO cell line expressing the human GABA_{B1} and GABA_{B2} receptors and a serum-responsive secreted placental alkaline phosphatase (SPAP) reporter gene. The serum-induced expression of SPAP was measured under basal and serum-stimulated (maximal) conditions. Addition of CA200931 to the basal or serum-stimulated cells did not significantly alter basal and stimulated SPAP levels, demonstrating that the CA200931 fluorescent GABA_B receptor antagonist has no intrinsic agonist activity.

Solubility & Handling

Storage instructions Solubility overview

-20°C (protect from light)

Soluble in DMSO

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

After thawing individual aliquots for use, we recommend briefly sonicating the sample to ensure it is

fully dissolved and the solution is homogeneous. We do not recommend using the product after

subjecting it to repetitive freeze-thaw cycles.

Shipping Conditions

Important

Handling

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight 943 Source Synthetic **Formulation** Lyophilized film **Excitation** 633 nm **Emission** 650 nm