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DATASHEET

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

Product overview

Name	CA200931 CellAura fluorescent GABAB antagonist [CGP-54626A] [Discontinued]
Cat No	HB7830
Biological description	<u>This product is now discontinued. Please contact us if you require a custom quote for this product.</u>
Alternative names	Fluorescent GABA _B antagonist (pK _D = 7.97). A fluorescent GABA _B receptor ligand derived from CGP-54626A GABA _B antagonist. Shown to antagonize the activity of the GABA .
Biological action	CA200931 GB-633-AN GABAB antagonist [CGP-54626A]
Purity	Antagonist
Description	>97% Fluorescent GABA _B receptor antagonist (NOW DISCONTINUED)

Biological Data

Application notes	For imaging at the GABA _{B1/B2} receptor use solutions up to 100 nM.
Pharmacological validation	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	-20°C (protect from light)
Solubility overview	Soluble in DMSO
Handling	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	The product, supplied in a dry form, is stable at ambient temperature for periods of up to a few days and does not require shipping on ice/dry ice.
Important	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