

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@hellobio.com



## DATASHEET

CA200931 CellAura fluorescent GABAB antagonist [CGP-54626A]

### Product overview

<b>Name</b>	CA200931 CellAura fluorescent GABAB antagonist [CGP-54626A]
<b>Cat No</b>	HB7830
<b>Biological description</b>	Fluorescent GABA <sub>B</sub> antagonist (pK <sub>D</sub> = 7.97). A fluorescent GABA <sub>B</sub> receptor ligand derived from CGP-54626A GABA <sub>B</sub> antagonist. Shown to antagonize the activity of the GABA.
<b>Alternative names</b>	CA200931   GB-633-AN   GABAB antagonist [CGP-54626A]
<b>Biological action</b>	Antagonist
<b>Purity</b>	>97%
<b>Description</b>	Fluorescent GABA <sub>B</sub> receptor antagonist

### Biological Data

<b>Application notes</b>	For imaging at the GABA <sub>B1/B2</sub> receptor use solutions up to 100 nM.
<b>Pharmacological validation</b>	The CA200931 Fluorescent GABA <sub>B</sub> receptor antagonist was shown to antagonize the activity of the GABA <sub>B</sub> agonist, GABA, in a recombinant CHO cell line expressing the human GABA <sub>B1</sub> and GABA <sub>B2</sub> 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 <sub>B</sub> receptor antagonist has no intrinsic agonist activity.

### Solubility & Handling

<b>Storage instructions</b>	-20°C (protect from light)
<b>Solubility overview</b>	Soluble in DMSO
<b>Handling</b>	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.
<b>Shipping conditions</b>	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.
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Molecular Weight</b>	943
<b>Source</b>	Synthetic
<b>Formulation</b>	Lyophilized film
<b>Excitation</b>	633 nm
<b>Emission</b>	650 nm