TAG-LITE® BETA ADRENERGIC RECEPTOR GREEN ANTAGONIST

Product information rev 4 - March 2015

Fluorescent ligand for 5,000 tests*
Part # L0011GRE**
Concentration indicated on the vial label
MW: 760
Store at: -20°C OR BELOW

* Sufficient for 5,000 tests using a 384-well small volume plate (20 µL)

**See expiration date on product description data sheet

For research use only. Not for use in diagnostic procedures.

DESCRIPTION

This Beta adrenergic receptor green antagonist is a (+/-) propranolol derivative labeled with a green emitting HTRF fluorescent probe.

It is suitable for both saturation binding assays (Kd) and competitive binding assays (Ki). At equilibrium, the fraction of labeled ligand bound to the receptor is proportional to the FRET signal recorded. Binding affinities can be calculated from this signal.

SPECIFICITY

This ligand has been successfully used in beta2 adrenergic Tag-lite binding assay using Adrenergic Beta 2 cell line Ref#C1TT1BETA2.

STORAGE AND HANDLING

Upon receiving the ligand, store at -20°C or below.

The Beta adrenergic receptor green antagonist is provided in 50mM Hepes buffer pH 7.4; 10% DMSO.

NOTES:

1. We recommend centrifuging the vial of fluorescent ligand after thawing
2. Avoid repeated freeze-thaw cycles, as this can degrade the ligand. Individual aliquots should be prepared and frozen for additional use
3. We recommend the use of Tag-lite Buffer (5X concentrate), 100 mL (Cisbio Part# LABMED) for preparing working solutions
4. Specific fluoresence should be read at 520 nm
5. For more informations about Tag-lite® binding assays please refer to http://www.cisbio.com/drug-discovery/tag-lite-binding-assays

FOR MORE INFORMATION
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