

Product Data Sheet

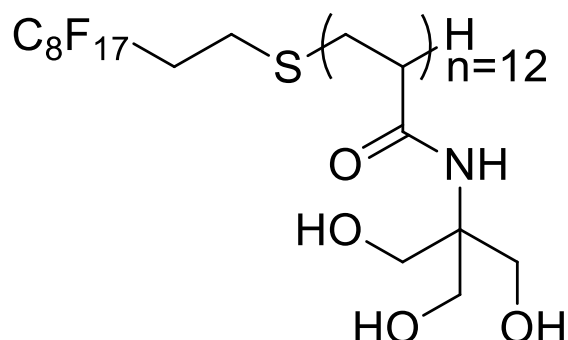
FTAC8

Information

PRODUCT DETAILS

Compound Name	FTAC8
Catalog Numbers	40-S203P-250MG
Category	Stabilizing Reagent
Physical State	White powder
Purity (HPLC, 214 nm)	88%
Molecular Formula	n/a
Retention time (RP ₁₈ HPLC)	11.828 min
CAS	34143-74-3
CMC	0.02 mM
MW	≈2600 g/mol
Exact Mass	n/a
pKa	n/a
Percent Composition	n/a
Stability	Store at -20 °C, out of direct light for a long-term storage
Solubility	Soluble in methanol, DMSO and water (1mM)

Structure



Recommendations for Use

For membrane proteins solubilization, Eurofins CALIXAR proprietary mild detergents are typically used at a final concentration of 20 mM. This concentration over 2x CMC (critical micelle concentration) ensures micelles formation and enough detergent to solubilize isolated membranes at a final total protein concentration of 5 mg/mL.

Biochemical Validation

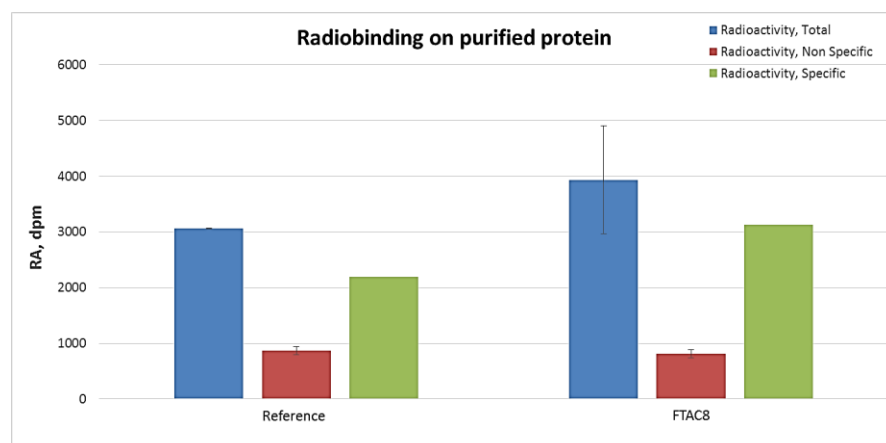


Figure 1: Binding of radioligand on GPCR protein, purified in reference detergent with or without addition of FTAC8 as an additive.

Purified protein was incubated with radioligand in absence (total, blue bars) or presence (Non-Specific signal, red bars) of an excess of cold ligand. After filtration on GF/C membranes and washing, scintillation agent was added, and radioactivity was detected using a Microbeta2. Specific radioactivity (green bars) corresponds to (total signal) – (non-specific signal).

References

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Additional Information

Restricted use: Limited Use Label License

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Not known as a hazardous substance or mixture. General industrial hygiene practices must be followed as the use of adapted personal protective equipment for skin and body.

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Limited product warranty

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