

# Product Data Sheet

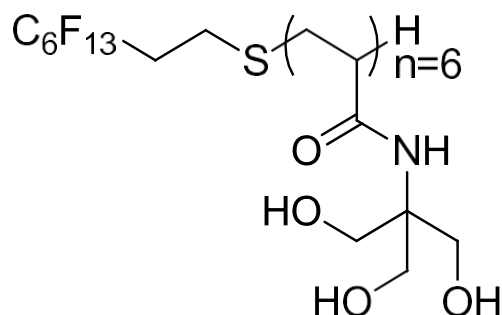
## FTAC6

### Information

#### PRODUCT DETAILS

Compound Name	FTAC6
Catalog Number	40-S202P-250MG
Category	Solubilizing Reagent
Physical State	White powder
Purity (HPLC, 214 nm)	90%
Molecular Formula	n/a
Retention time (RP <sub>18</sub> HPLC)	10.5 min
CAS	354451-26-8
CMC	0.37 mM
MW	≈1400 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 (18.5mM)

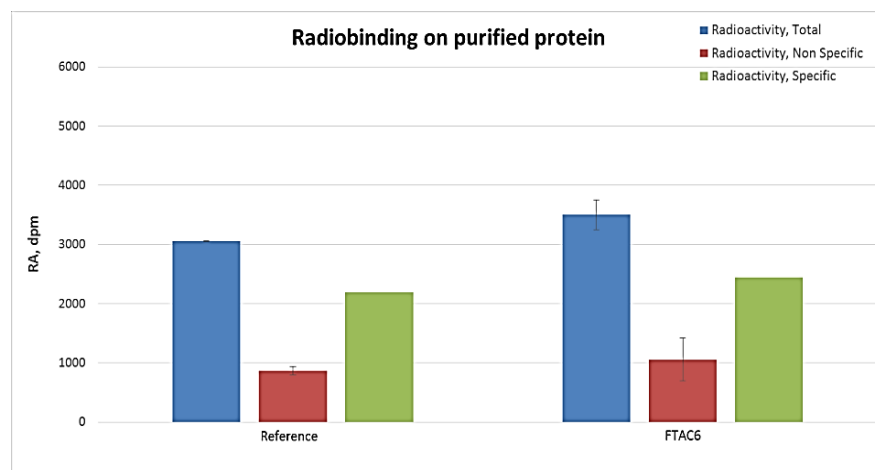
#### Structure



## 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 FTAC6 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

The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased amount of the product and progeny, to perform internal research and development for the sole benefit of the purchaser.

### Safety

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.

### Technical support

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