

TECHNICAL DATA SHEET – FTAC6

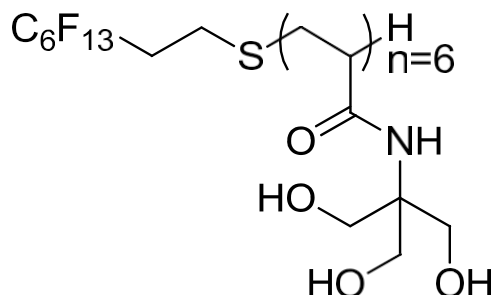
FTAC6

S-(poly(tris(hydroxymethyl)acrylamidomethane)-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) DP_n=6

2019

Information

| | | | |
|---|---|--|---------------------------|
| Compound Name | FTAC6 | Physical state | White powder |
| Catalogue Number <i>(check availability on CALIXAR's website)</i> | FTAC6_250MG, FTAC6_500MG, FTAC6_1G | Purity (HPLC, 214nm) | nd |
| Molec. Formula | na | Retention time (RP₁₈ HPLC)^a | t _R = 10.5 min |
| CAS | nd | CMC | 0.37 mM |
| MW | ≈1400 g/mol | Exact Mass | nd |
| pKa | na | | |
| Percent composition | na | | |
| Stability | Store in <-20°C freezer | | |
| Solubility | Soluble in water (18.5mM), methanol and DMSO. | | |
| Structure | | | |



References

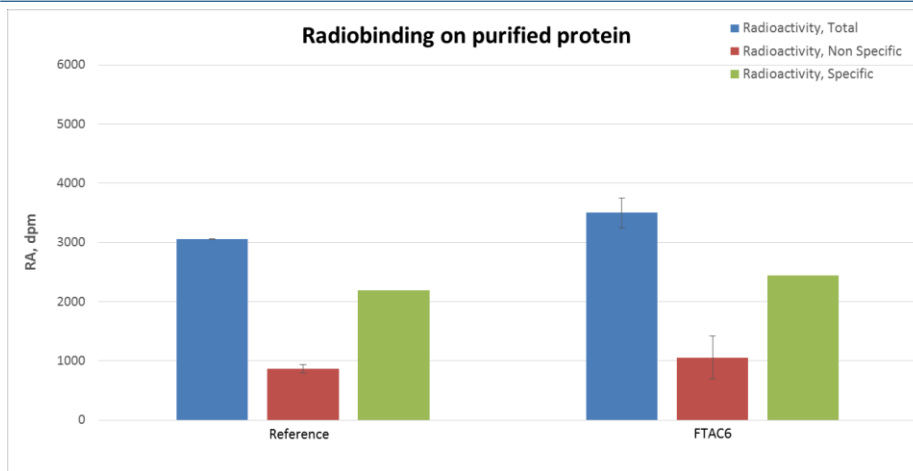
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Biochemical Validation Data



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).

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