

40nmol Fosfire etsx60 - A001



ETSX60 - A001



etsx60

Rating: Not Rated Yet

Price

Salesprice with discount

\$ 75.00

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Description

The product code for a luminophore is created using the following sequence of characters

ABCDxWN-nnnn

where --#nnn is the Batch CODE, # will range from A to Z and nnn from 1 to 999.

A = type of lanthanide

- E = Europium
- T = Terbium
- S = Samarium
- D = Dysprosium
- Pt = platinum
- X = other

B = ligand structure

- T = terphenyl
- B = 1,2 Dibenzylyl benze (BHHBCB)
- C = Carbazole
- P = pyridine based
- D = DOTA

C = active binding group – the moiety that binds to target

- C = chlorosulfonate
- S = succinimide
- M = maleimide

D = conjugate status

- Dn = dendrimer of stage n
- Ab = antibody
- Aa = anti-antibody
- Ax = carrier of some other type of biomolecule
- X = not a conjugate

W = relative hydrophilic range – the ligand is dissolved in DMF at a concentration of 50 mg/ml and a maximum volume of 20 μ L of this solution is added to 1ml of FEB solution.

- 0 = less than 100 μ g/ml (hydrophobic)
- Range 1 to 8 corresponds to 100 μ g/ml to 800 μ g/ml (2 μ L to 16 μ L)
- 9 = water solubility of ligand exceeds 1 mg/ml

N = ligand status / chelated with target ion or not

- 1 = ligand is chelated with target ion
- 0 = ligand is pure and requires addition of ion

Example, BHHCT as pure ligand, has a chlorosulfonate binding group, is without added Eu3+ and was produced from the first batch A = E; B = T; C = C; D = X; W = 0; N = 0, batch code = A001 then BHHCT has product code **ETCX00-A001**

Reviews

There are yet no reviews for this product.