Product Datasheet

EC-17 disodium salt

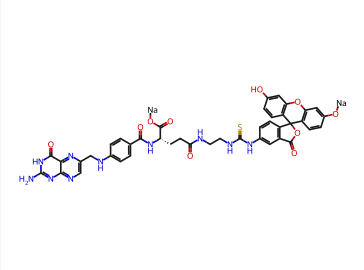
Catalog No. **BP-08858A** · CAS **910661-33-5** · Form **salt · sodium** · Physical state **solid** · Color **Yellow to orange** · Version **1.0** · Revision **2026-11-16**

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Target	Research area
Fluorescent Dye; Folate Receptor (FR)	**Cancer**

Molecular formula	$C_{42}H_{34}N_{10}Na_2O_{10}S$
Molecular weight	**916.8410**

STRUCTURE



DESCRIPTION

EC-17 disodium salt is a folate receptor alpha (FRα) targeting contrast agent with fluorescent properties in the visible light spectrum. The EC-17 maximum excitation and emission wavelengths are 490 nm and 520 nm, respectively .

BIOLOGICAL ACTIVITY

Guide (The following is our recommended protocol. This protocol is only a guide and should be modified according to your specific needs).

SOLUBILITY

Soluble in DMSO

In vitro	DMSO : 40 mg/mL

REFERENCES

[1]. Tummers QR, et al. Intraoperative imaging of folate receptor alpha positive ovarian and breast cancer using the tumor specific agent EC17. Oncotarget. 2016 May 31;7(22):32144-55.

[2]. Patil RA, et al. Fluorescence Labeling of Circulating Tumor Cells with a Folate Receptor-Targeted Molecular Probe for Diffuse In Vivo Flow Cytometry. Mol Imaging Biol. 2020 Oct;22(5):1280-1289.