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Anti-EGFR Fluorescence Imaging Agent ABY-029

National Cancer Institute

Source

National Cancer Institute. *Anti-EGFR Fluorescence Imaging Agent ABY-029*. NCI Thesaurus. Code C129983.

A fluorescence imaging and contrast agent composed of an epidermal growth factor receptor (EGFR)-targeting affibody tracer molecule and labeled, through maleimide, with a near-infrared (NIR) fluorescent probe, IRDye 800CW, with potential use in the imaging of EGFR-overexpressing cells. Upon administration, ABY-029 targets and binds to EGFR-overexpressing tumor cells. Upon fluorescent imaging, the fluorescent dye can be visualized and EGFR-positive tumor cells can be detected.