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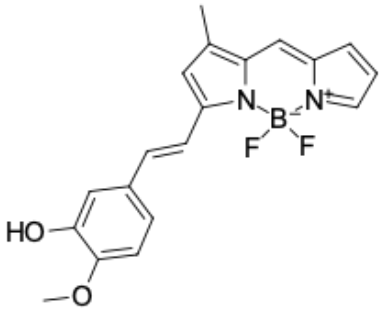
CDr20 Microglia Stain

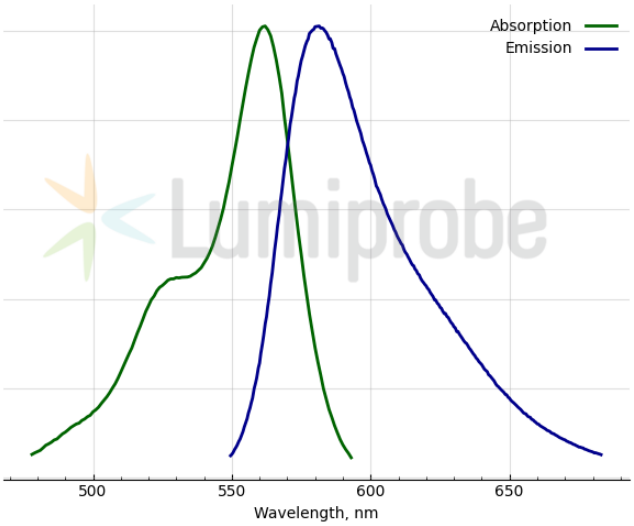
http://hk.lumiprobe.com/p/cdr20-microglia-stain

CDr20 (Cell Designation red 20) is a high-performance fluorogenic chemical probe for labeling microglia in both cell cultures and live brains. CDr20 is a substrate of microglia-specific UDP-glucuronosyltransferase Ugt1a7c. The glucuronidation of CDr20 by Ugt1a7c produces bright red fluorescence in microglial cells coinciding with the expression of markers P2ry12, Csf1r, Cx3cr1, and Iba-1 [1].

CDr20 could be a valuable tool for identifying and visualizing microglia in neural disorder studies both *in vitro* and *in vivo* and for CDr20-based fluorescent-activated microglial cell sorting (FACS).

[1] Kim B. et al. Visualizing Microglia with a Fluorescence Turn-On Ugt1a7c Substrate. Angew. Chem. Int. Ed. Engl. 2019. 58(24). 7972-7976.





外观:	
分子量:	354.17
CAS 编号:	1201643-01-7
分子式:	$C_{19}H_{17}BF_2N_2O_2$
溶解度:	
质量控制:	
储存条件:	
法律声明:	本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值，纳米:	562
ε, 摩尔吸光系数，cm^{-1}:	97500
发射极大值，纳米:	581