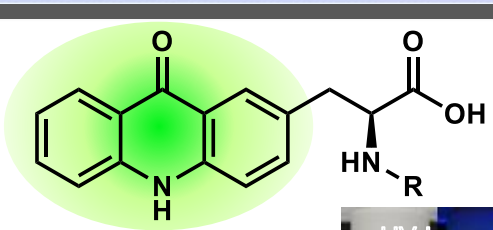
Watanabe Chemical News
WN-110719-164

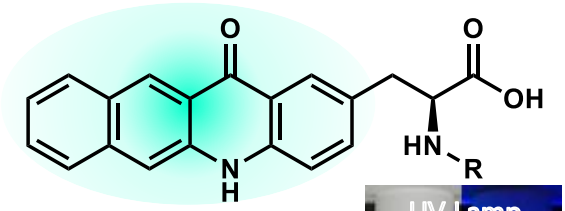
蛍光アミノ酸 Acd/Bacd

9-Acridonyl-Alanine & 12-Benzo[b]acridonyl-Alanine



λex = 403nm
/ λem = 442nm
φ = 0.87 (8.1μM)

R	Code	Product Name [CAS RN]	Price	
H	J00565	H-Ala(2-Acd)-OH・HCl [854503-32-5 (Free)]	50mg	¥24,000
			250mg	¥96,000
			500mg	¥160,000
Boc	M02049	Boc-Ala(2-Acd)-OH [643018-86-4]	50mg	¥6,000
			250mg	¥24,000
			500mg	¥40,000
Fmoc	M02050	Fmoc-Ala(2-Acd)-OH [1013328-63-6]	50mg	¥8,000
			250mg	¥30,000
			500mg	¥50,000

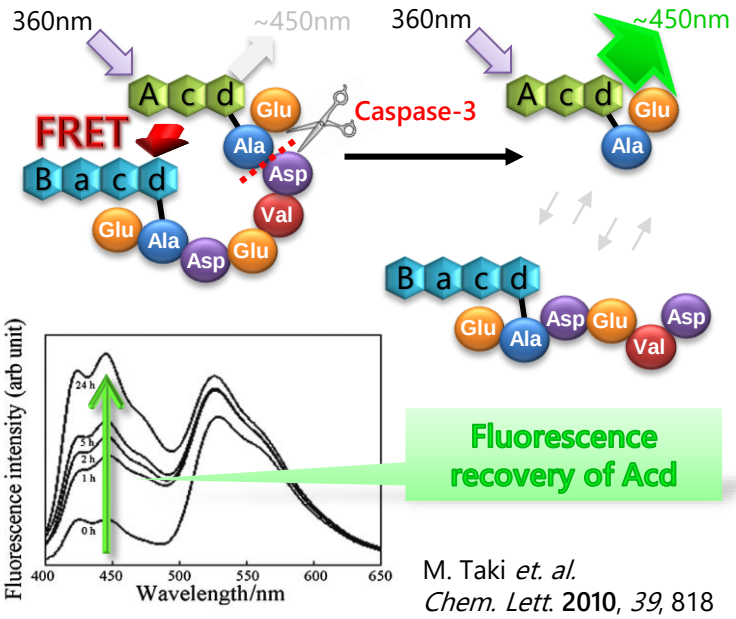


λex = 455nm
/ λem = 511nm
φ = 0.49 (10.3μM)

R	Code	Product Name [CAS RN]	Price	
H	J00566	H-Ala(2-Bacd)-OH・HCl [933802-95-0 (Free)]	50mg	¥60,000
			250mg	¥240,000
			500mg	¥400,000
Boc	M02045	Boc-Ala(2-Bacd)-OH [916834-72-5]	50mg	¥20,000
			250mg	¥80,000
			500mg	¥120,000
Fmoc	M02046	Fmoc-Ala(2-Bacd)-OH [1157859-85-2]	50mg	¥30,000
			250mg	¥120,000
			500mg	¥200,000

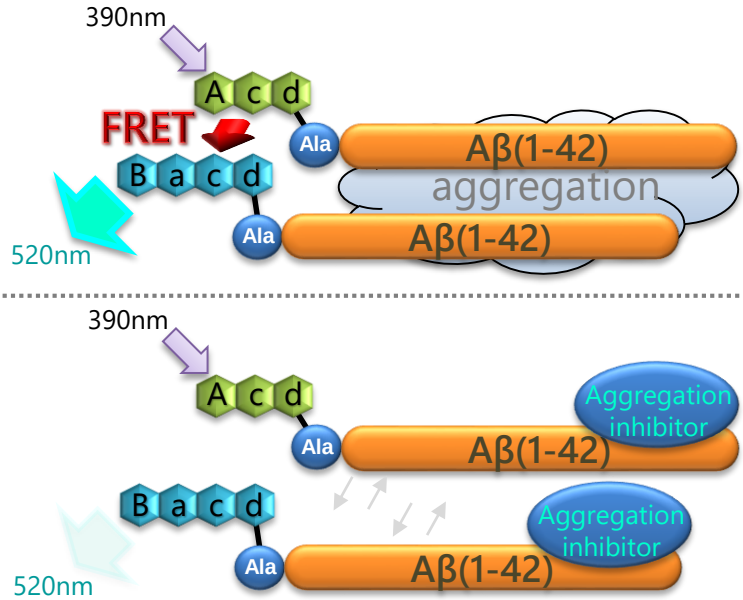
Acd/BacdはFRET (Fluorescense Resonance Energy Transfer) ペアとして使用できます

◆酵素活性測定プローブ



M. Taki *et. al.* *Chem. Lett.* **2010**, *39*, 818

◆アミロイドβの凝集体の測定方法



Y. Masuda & E. Sugiyama, JP 2021-124421

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