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DATASHEET

Ageladine A TFA

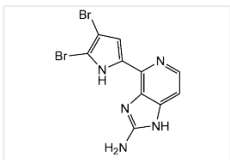
Product overview

Name	Ageladine A TFA
Cat No	HB3743
Biological description	Non-toxic, pH-sensitive fluorescent dye (blue-green range) for live imaging in acidic organelles, vesicles, cells, tissue and even small whole animals over several days without side effects. Stronger under acidic conditions and barely detectable in alkaline solutions (wide range from pH 4 to pH 8). Highly cell/membrane permeable. Trapped within the cells and acidic organelles through hydrophobic interactions with the inner side of the membranes. Barely metabolized and long-term stable, thus slow photobleaching. Angiogenesis inhibitor. Inhibitor of matrix metalloproteinases MMP-1,-2,-8,-9,-12,-13. TYK2, DYRK2,Dyrk1A, YSK4 and RPS6KA1/2 inhibitor.
Purity	>98%
Description	Non-toxic, pH-sensitive fluorescent dye (blue-green range)

Solubility & Handling

Storage instructions	+4 °C
Storage of solutions	Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.
Shipping Conditions	Stable for ambient temperature shipping. Follow storage instructions on receipt.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	(4-(4,5-Dibromo-1H-pyrrol-2-yl)-1H-imidazo[4,5-c]-pyridin-2-amine) trifluoroacetate
Molecular Weight	471
Chemical structure	
CAS Number	950766-21-9
InChiKey	QAKGJAQGTQLMFN-UHFFFAOYSA-N
Appearance	Brown solid