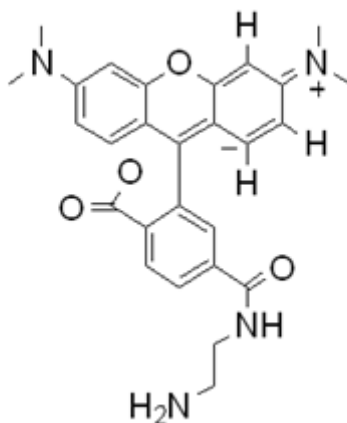


Certificate of Analysis

General properties:

Name: 5(6)-TAMRA ethylenediamine
Cat.#: R-TE-155
Lot.#: R01617109
Date of Analysis: 2016.10.17
Recommended Retest date: 2017.10.17
Stability: 12 months
Storage: -20°C in the dark

Structure

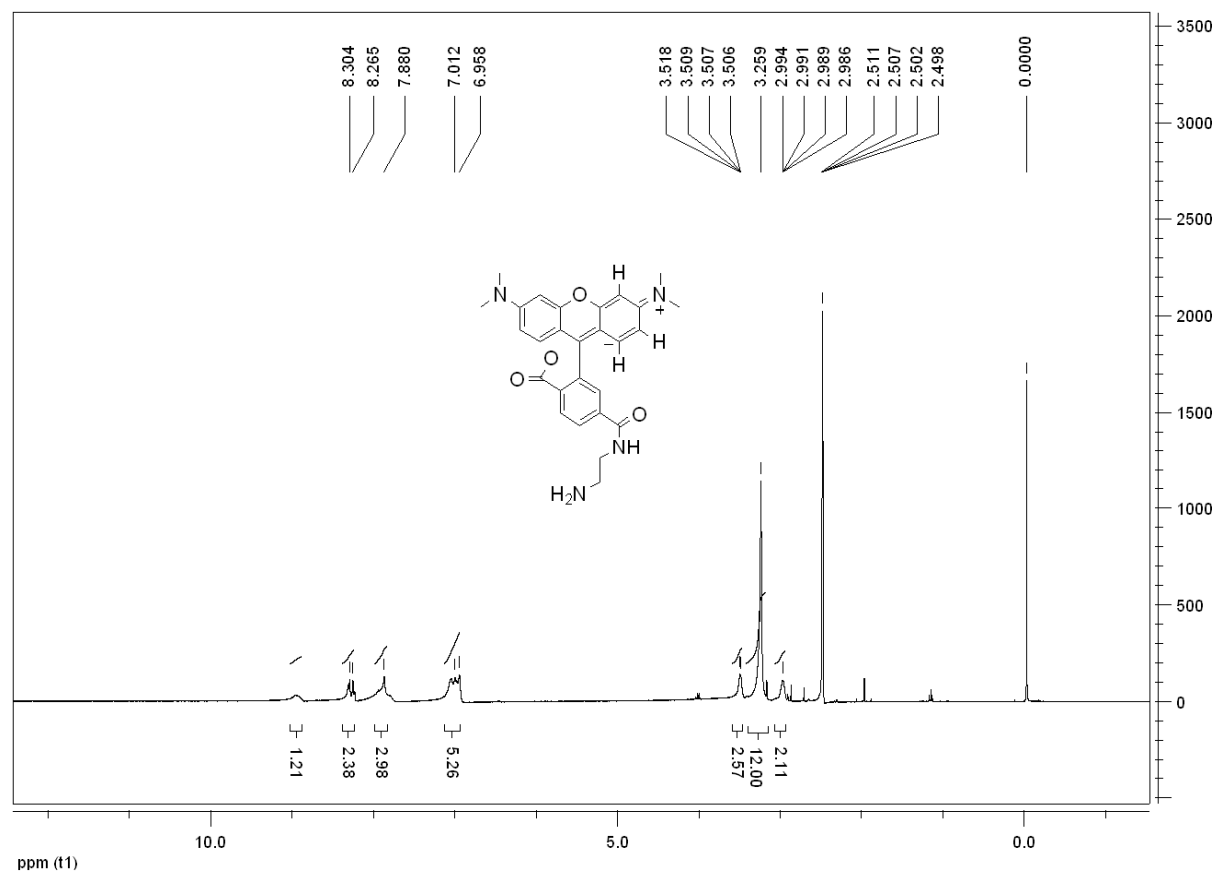


Items	Specification	Results
Appearance	Red solid	Red solid
¹ H NMR	Identical to the structure	Identical to the structure
Foreign Material	None	None
Substitution	>95%	96.2%

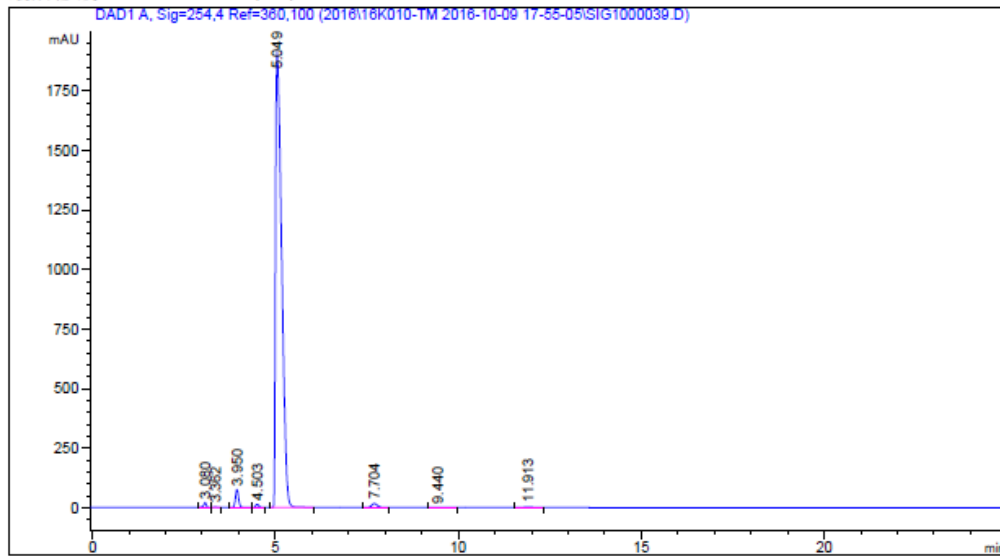
Report Date: 2016.10.17

This product is for research use only, Not for human or animal use

¹HNMR (DMSO)



HPLC



面积百分比报告

排序 : 信号
 乘积因子: 1.0000
 稀释因子: 1.0000
 内标使用乘积因子和稀释因子

信号 1: DAD1 A, Sig=254,4 Ref=360,100

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积 [mAU*s]	峰高 [mAU]	峰面积 %
1	3.080	BV	0.0763	108.84594	20.38158	0.4754
2	3.362	VB	0.0675	12.20467	2.66220	0.0533
3	3.950	BB	0.0914	446.86584	75.12967	1.9517
4	4.503	BB	0.0982	81.53541	12.82791	0.3561
5	5.049	BB	0.1828	2.20053e4	1904.20020	96.1104
6	7.704	BB	0.1682	180.20406	16.40536	0.7871
7	9.440	BB	0.1936	16.54224	1.32540	0.0723
8	11.913	BB	0.2306	44.36455	2.96371	0.1938

总量 : 2.28958e4 2035.89603