

# HPLC Analysis for V5829101 6-Maleimidocaproic acid hydrazide TFA

## LCMS Report

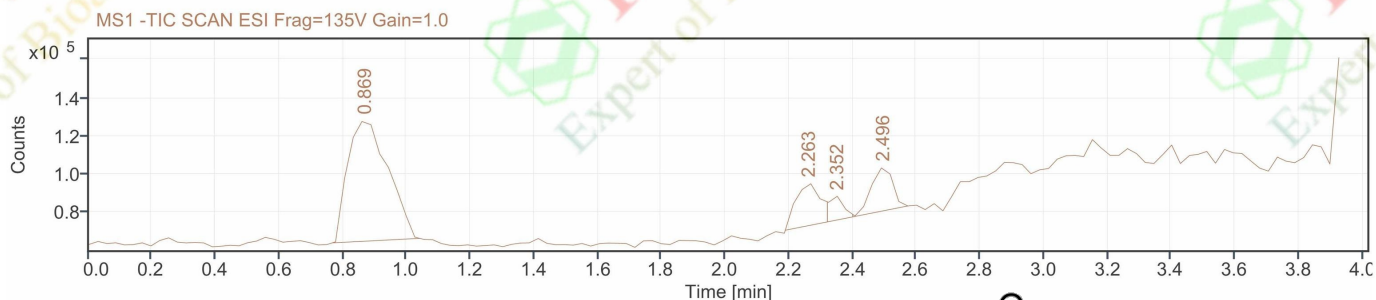
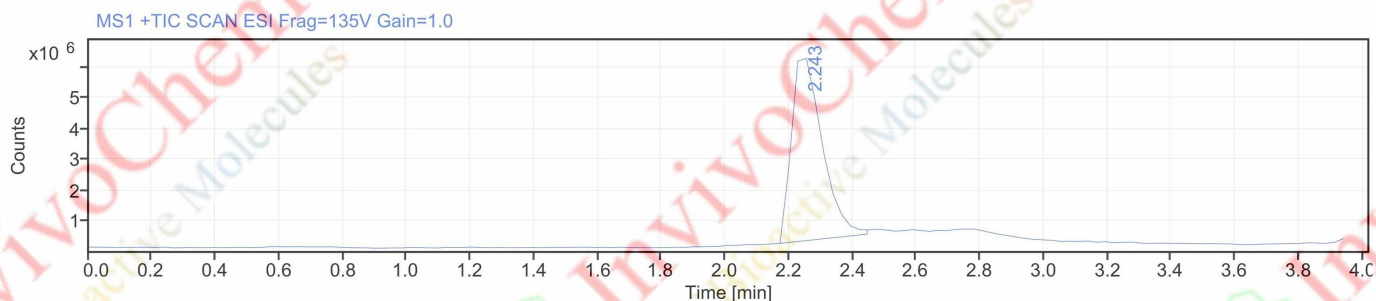
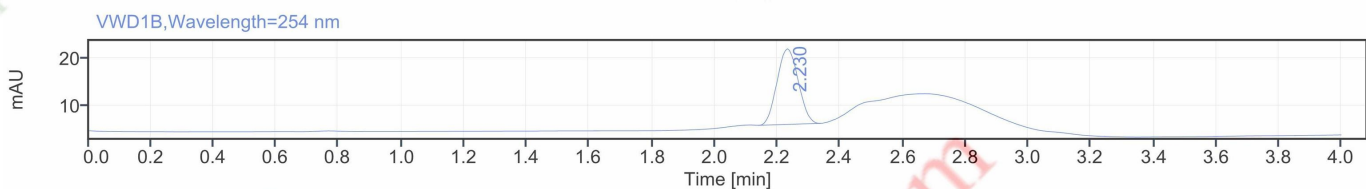
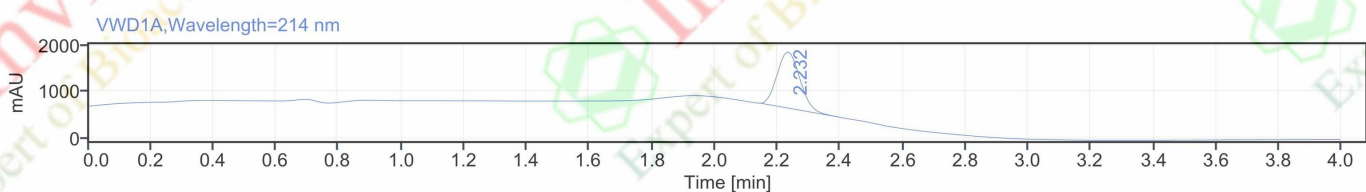


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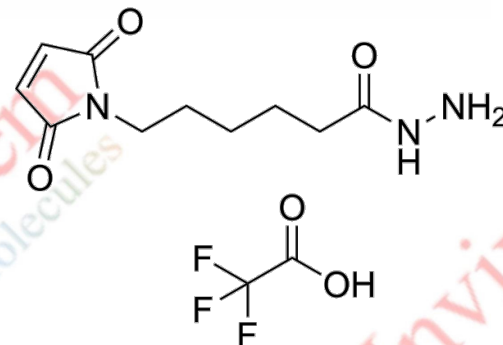
**Sequence Name:** 2024-08-21 09-27-12+08-00  
**Data file:** 20240821-QC597716-1003234.dx  
**Sample name:** 20240821-QC597716-1003234  
**Instrument:** QC-077  
**Inj. volume:** 2.000  
**Acq. method:** LCMS-CAIJI-WG.amx  
**Processing method:** LCMS-CHULI-WG.pmx

**Project Name:** QC-077-LCMS  
**Operator :** admin (BICHEN\admin)  
**Acquired on:** 2024-08-21 14:55:23+08:00  
**Location:** P2-B4

**Column:** **Serial number:**  
**Diameter:** 0 **Length** **Void time:**



**Product Name:** 6-Maleimidocaproic acid hydrazide TFA  
**InvivoChem Cat #:** V58291  
**CAS #:** 151038-94-7  
**Batch #:** V5829101  
**Formula:** C<sub>12</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>5</sub>  
**Molecular Weight:** 339.27





Signal: MS1 +TIC SCAN ESI Frag=135V Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
2.243	0.2736	39890311.9853	6056872.6770	100.0000
	Max	39890311.9853		

Signal: MS1 -TIC SCAN ESI Frag=135V Gain=1.0

RT [min]	Width [min]	Area	Height	Area%
0.869	0.2739	552326.0558	63148.0093	67.8796
2.263	0.1318	116430.5989	22111.0185	14.3091
2.352	0.0798	38480.0770	12372.5735	4.7291
2.496	0.1734	106448.2999	22713.4118	13.0822
	Max	552326.0558		

Signal: VWD1A,Wavelength=214 nm

RT [min]	Width [min]	Area	Height	Area%
2.232	0.2544	6107.2341	1207.7950	100.0000
	Max	6107.2341		

Signal: VWD1B,Wavelength=254 nm

RT [min]	Width [min]	Area	Height	Area%
2.230	0.1999	75.6994	16.1195	100.0000
	Max	75.6994		

Sample Purity Results

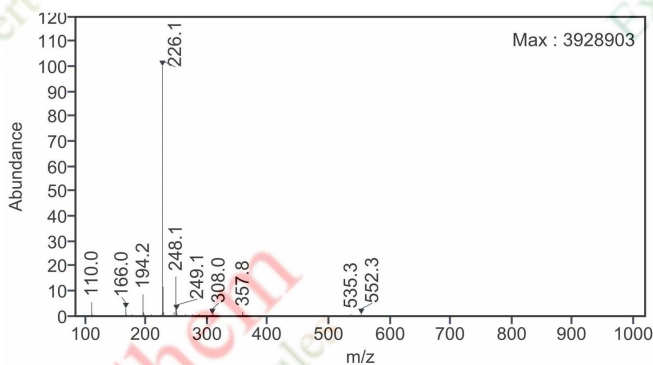
No "Target" had been typed in the Injection list



### Peak Details (Area Percent at least 1%)

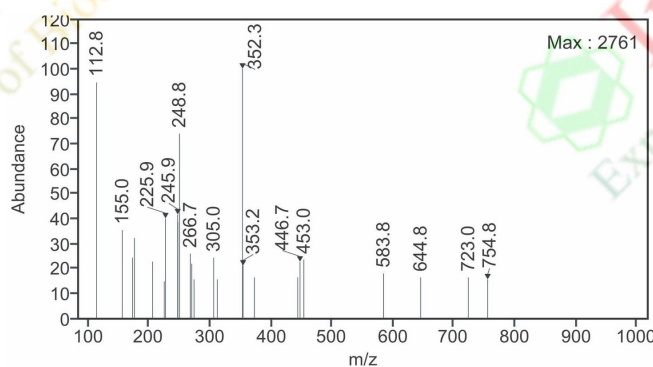
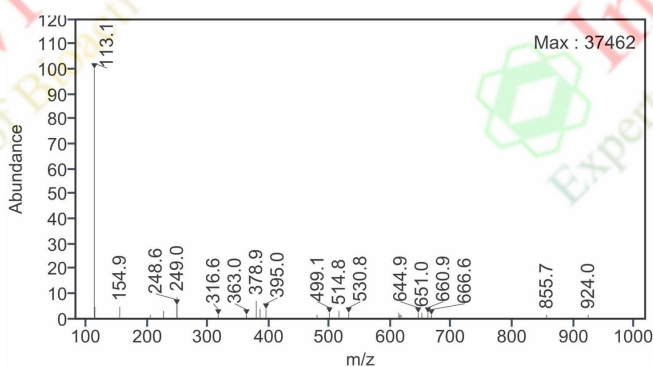
Signal Description : MS1 +TIC SCAN ESI Frag=135V Gain=1.0

Peak RT : 2.243 min Area % : 100.00%



Signal Description : MS1 -TIC SCAN ESI Frag=135V Gain=1.0

Peak RT : 0.869 min Area % : 67.88% Peak RT : 2.263 min Area % : 14.31%

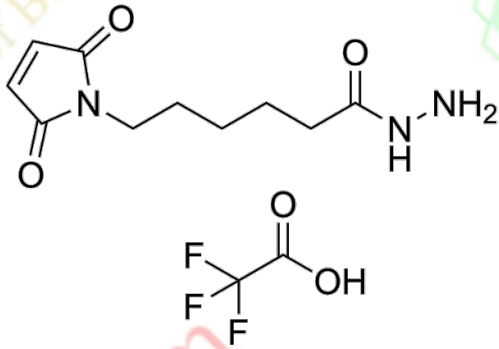
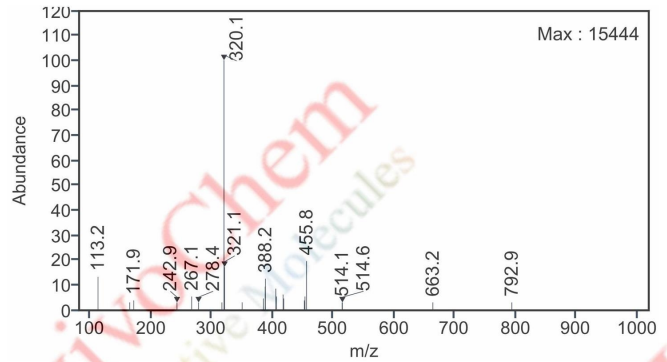
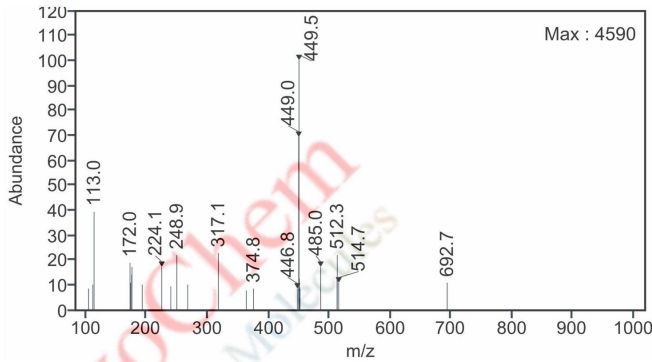


Peak RT : 2.352 min

Area % : 4.73%

Peak RT : 2.496 min

Area % : 13.08%



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 InvivoChem Cat #: V58291  
 CAS #: 151038-94-7  
 Batch #: V5829101  
 Formula: C<sub>12</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 339.27