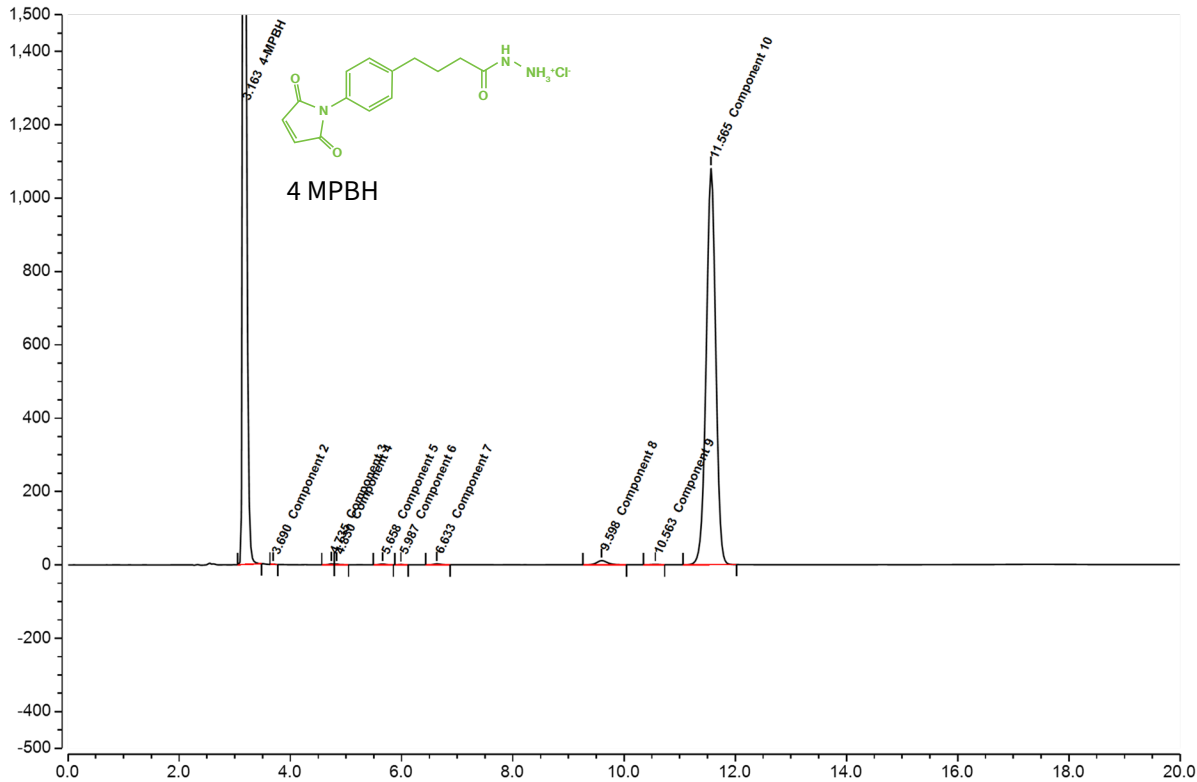




## 4-(4-N-maleimidophenyl)butyric acid hydrazide

On Endurus<sup>®</sup> C18 HP Classic 5 $\mu$ m 250X4.6



### Test Condition (As Inhouse)

#### Column:

Endurus<sup>®</sup> C18 HP Classic 250x4.6 mm, 5 $\mu$ m

**Injection:** 20  $\mu$ L

**Detection:** UV 220 nm

**Flow Rate:** 1.0 mL/min

#### Mobile Phase:

Buffer: Acetonitrile:Methanol (600:350:50)

**Buffer:** 4.08 gm Potassium Dihydrogen phosphate in 600 ml Water and adjust pH 3.5 with phosphoric acid.

**Diluent:** Mobile Phase

**Temperature:** Ambient

Autosampler temperature: 5 $^{\circ}$ C

#### Sample preparation:

Dissolve 10 mg of the substance in 10 ml in diluent.

### Chromatographic data

No.	Compound	Retention Time (min)	Tailing Factor	Theoretical Plates
1	4-MPBH	3.163	1.59	12893
2	Component 2	3.690	1.22	22498
3	Component 3	4.735	n.a.	11421
4	Component 4	4.830	n.a.	11801
5	Component 5	5.658	1.06	12016
6	Component 6	5.987	1.02	20472
7	Component 7	6.633	1.19	13755
8	Component 8	9.598	1.15	12798
9	Component 9	10.563	0.94	24043
10	Component 10	11.565	0.97	22152