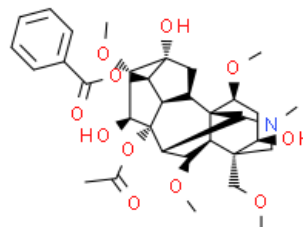


产品分析证书 Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N1625
中文名称: 中乌头碱; 新乌头碱
English Name: Mesaconitine
CAS No.: 2752-64-9
分子式 (M. F.): C₃₃H₄₅NO₁₁
分子量 (M. W.): 631.719
批号 (Batch No.): N2506162501



检测项目及结果 (Specifications&results)

检验项目(Test Item)	检验规格 (Specifications)	检验结果 (Results)
颜色 Color	白色至类白色(White to Off-white)	类白色(Off-white)
外观 Appearance	粉末或固体(Powder or Solid)	粉末(Powder)
纯度 Purity	98%	Conforms
质谱 Mass	Comply with the structure	Conforms
核磁 NMR	Comply with the structure	Conforms

检测信息(Detection Information)

色谱柱(Column)	Thermo Hypersil GOLD C18, 4.6*250mm, 5.0um
流动相(Mobile phase)	乙腈: 磷酸三乙胺PH (6-7) =ACN 35-50% 15min (Acetonitrile : 50mmol/L Triethylamine in water (Phosphoric acid adjusted to pH 7) =35-50% 15min)
检测波长(Detection mode)	236nm
柱温 (Column temperature)	30℃

贮存条件 (Storage): 2~8℃, protected from light, keep package airproofed. <-15℃ when not in use for a long time. (密封保存, 置于阴凉干燥处, 长期不使用最好放置于-15℃以下环境中)

温馨提示 (Reminder): The sample solutions should be prepared immediately before use.(请现配现用)

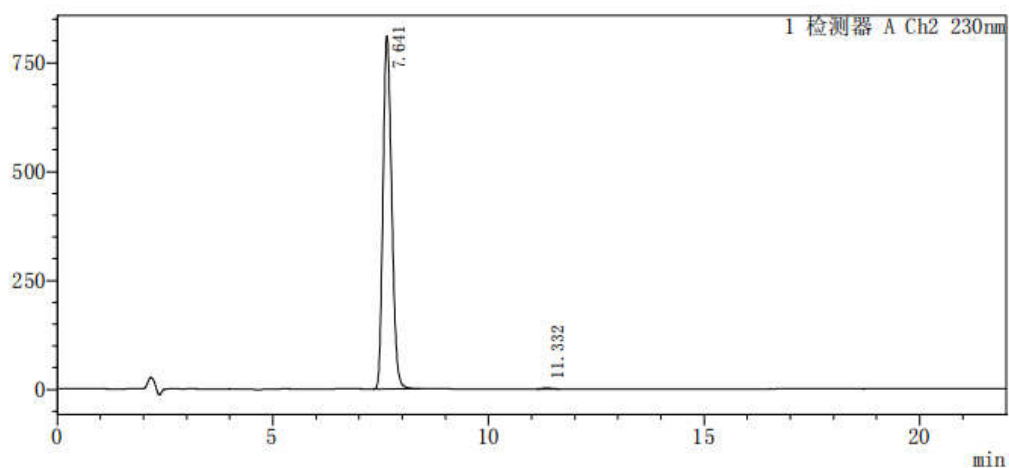


QA: Joy Li

产品售后 (After-sale service): In case of quality issue, please contact us within 15 days after receipt of the product. (若对于我们的产品质量有任何疑问, 请于收到货后 15 天内联系我们)

(We appreciate you much when publishing your paper and marking the chemical purchase from Naturewill Biotechnology Co., Ltd.(Chengdu,China) 当发表论文时, 请您标注化合物购买于四川恒诚致远生物科技有限公司, 非常感谢您的支持。)

HPLC

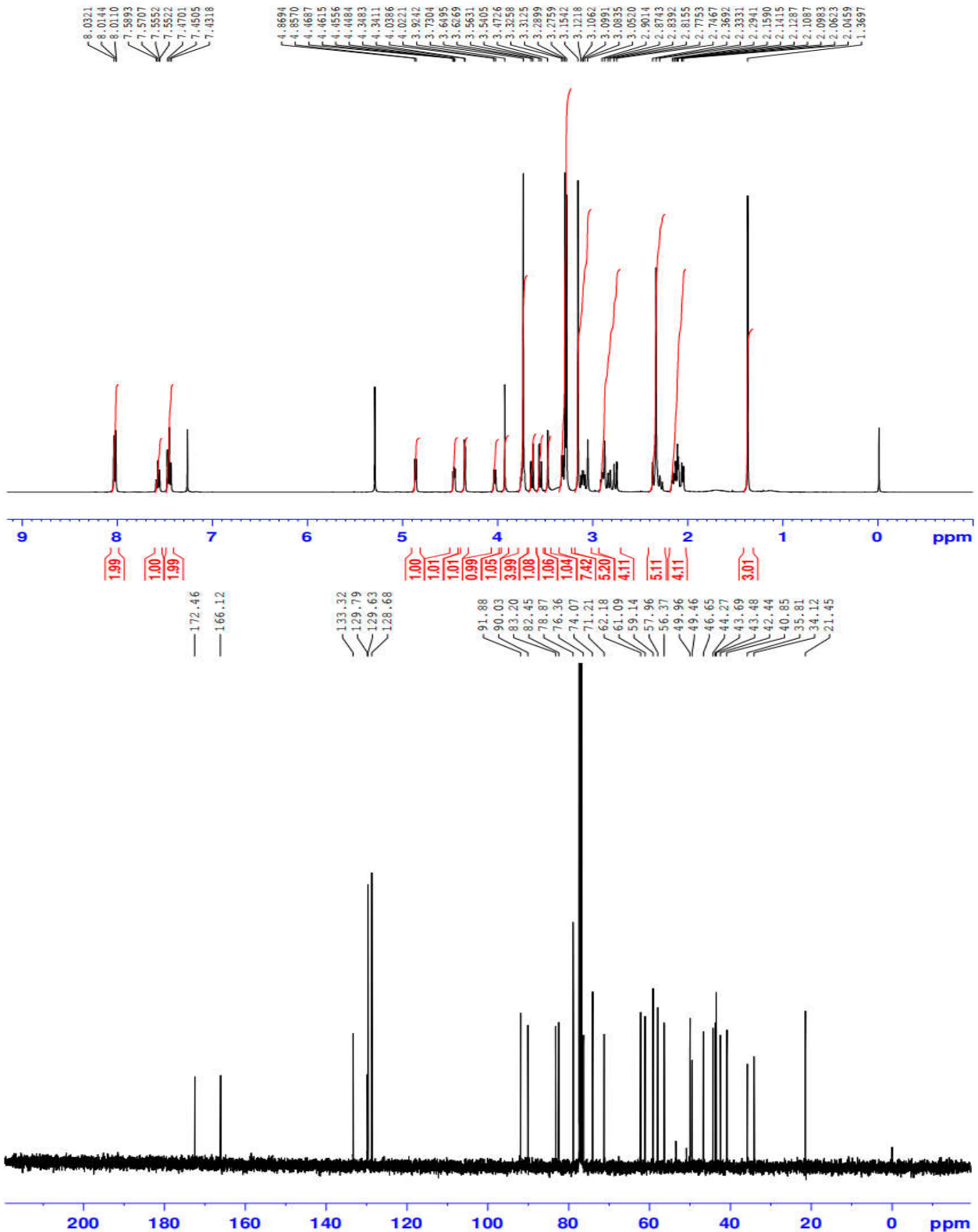


<峰表>

检测器 A Ch2 230nm

峰号	保留时间	面积	高度	面积%	理论塔板数 (USP)	分离度 (USP)
1	7.641	11399130	810948	99.753	6601	—
2	11.332	28221	1932	0.247	12252	9.398
总计		11427350	812880	100.000		

NMR



MS

新乌头碱

