

Alatamine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Alatamine

Catalog No.: CFN92121

Cas No.: 41855-33-8

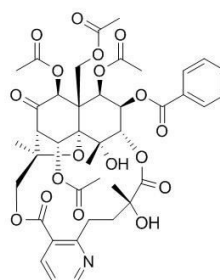
Purity: > 95%

M.F: C₄₁H₄₅NO₁₈

M.W: 839.8

Physical Description: Powder

Synonyms: O2-Benzoyl-O2-deacetyl-26-hydroxyevonimine.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The herbs of *Ramulus euonymi*.

[Biological Activity or Inhibitors]

Alatamine can markedly reduce acute myocardial ischemia (AMI)-induced cardiac injury

and cardiac myocyte apoptosis, improve the expression and activity of sarcoplasmic/endoplasmic reticulum Ca(2+) ATPase (SERCA); suggests that alamine has beneficial effect in cardiac protection and highlights it as a potential therapeutic reagent for reduction of AMI-induced cardiac injury.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]

Not data available.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Zhao C, Meng F, Geng L, *et al. Can. J.Physiol. Pharm.*, 2015, 94(4):433-40.

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