[Product Information]

Name: Quetiapine fumarate
Catalog No.: CFN98513
Cas No.: 111974-72-2
Purity: >=95%
M.F: (C_{20}H_{21}N_{25}O_{3})_{2}C_{2}H_{4}
M.W: 883.09
Physical Description: Powder
Synonyms: 2-[2-(4-Dibenzo[b,f][1,4]thiazepin-11-yl-1-piperazinyl)ethoxy]ethanol hemifumarate; Quetiapine XR.

[Intended Use]

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

[Source]
The herbs of Ampelopsis japonica (Thunb.) Makino.

[Biological Activity or Inhibitors]
Quetiapine fumarate monotherapy (150 mg/day and 300 mg/day) is effective, with safety and tolerability in the treatment of patients with major depressive disorder.[1]

Quetiapine fumarate can treat patients with schizophrenia.[2]

[ Solvent ]

Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ][3]

Mobile phase: Acetonitrile -Modifier buffer( 0.1% Ortho phosphoric acid with triethyl amine)=50:50;
Flow rate:0.6 ml/min;
Column temperature: 30°C;
The wave length of determination:294 nm.

[ Storage ]

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

[ References ]


[ Contact ]

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