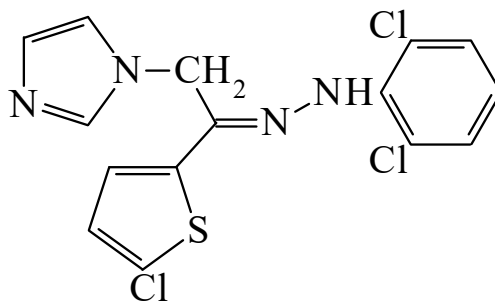




>>Entry Name: Zinoconazole, INN

Synonym(s): 1-(5-Chloro-2-thienyl)-2-(1*H*-imidazol-1-yl)ethanone (2,6-dichlorophenyl)hydrazone, 9Cl



CAS Registry Number: 84697-21-2

Molecular Formula: C<sub>15</sub>H<sub>11</sub>Cl<sub>3</sub>N<sub>4</sub>S

Molecular Weight: 385.703

Accurate Mass: 383.976997

Percentage Composition: C 46.71%; H 2.87%; Cl 27.58%; N 14.53%; S 8.31%

Use/Importance: Antifungal agent

Development Status: Never marketed

Calculated Log P Data: Log P 4.69 (uncertain value) (calc)

>>Variant: (*E*)-form

Molecular Formula: C<sub>15</sub>H<sub>11</sub>Cl<sub>3</sub>N<sub>4</sub>S

Molecular Weight: 385.703

Accurate Mass: 383.976997

Percentage Composition: C 46.71%; H 2.87%; Cl 27.58%; N 14.53%; S 8.31%

>>Derivative: Hydrochloride

Synonym(s): Zinoconazole hydrochloride, USAN. SC 38390

CAS Registry Number: 80168-44-1

Melting Point: Mp 186-188°

#### References:

Dyer, R.L. *et al.*, *J. Med. Chem.*, 1983, **26**, 442, (*synth, pharmacol, nmr*)