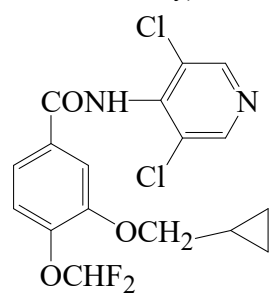




>>Entry Name: Roflumilast, INN

Synonym(s): 3-(Cyclopropylmethoxy)-N-(3,5-dichloro-4-pyridinyl)-4-(difluoromethoxy)benzamide, 9Cl



CAS Registry Number: 162401-32-3

Molecular Formula: C<sub>17</sub>H<sub>14</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 403.211

Accurate Mass: 402.034953

Percentage Composition: C 50.64%; H 3.50%; Cl 17.59%; F 9.42%; N 6.95%; O 11.90%

Biological Use/Importance: Cyclic nucleotide phosphodiesterase inhibitor. Antiasthmatic agent

Melting Point: Mp 158°

#### References:

*Pat. Coop. Treaty (WIPO)*, 1995, *Byk Gulden Lomberg*, 95 01 338; *CA*, **122**, 239550d, (*synth, pharmacol*)