

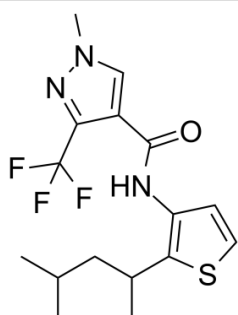
## Certificate of Analysis

Target	Inhibitors & Agonists>>Others>>Other Targets
Cat.No	DC22345
Name	Penthiopyrad

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## Chemical Properties

CAS	183675-82-3
Formula	C <sub>16</sub> H <sub>20</sub> F <sub>3</sub> N <sub>3</sub> O <sub>2</sub> S
MW	359.4097
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Penthiopyrad is shown. It features a central pyrazole ring substituted with a methyl group at the 3-position and a 2-(2,4-difluorophenyl)ethyl group at the 4-position. The 2-position of the pyrazole ring is connected to a carbonyl group, which is further linked to a thiophene ring. The thiophene ring is substituted with a 2,4-dimethylbutyl group at the 2-position and an NH group at the 3-position.</p>
Purity	>98%

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