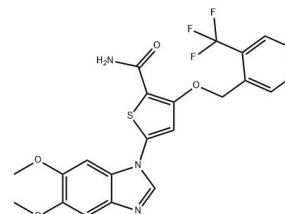


## Technical Data Sheet

### GW843682, 5-(5,6-Dimethoxy-1H-benzimidazol-1-yl)-3-[[2-(trifluoromethyl)-benzyl]oxy]thiophene-2-carboxamide

#### Compound Information

<b>Product Name:</b>	GW843682, 5-(5,6-Dimethoxy-1H-benzimidazol-1-yl)-3-[[2-(trifluoromethyl)-benzyl]oxy]thiophene-2-carboxamide
<b>CAS No.:</b>	660868-91-7
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>18</sub> F <sub>3</sub> N <sub>3</sub> O <sub>4</sub> S
<b>Molecular Weight:</b>	477.46
<b>Storage:</b>	Desiccate at +4°C
<b>Revision Date:</b>	2026-04-15



#### Analytical Information

Tests	Specifications
IUPAC Name	5-(5,6-Dimethoxy-1H-benzimidazol-1-yl)-3-[[2-(trifluoromethyl)phenyl]methoxy]-2-thiophenecarboxamide
Appearance	Pale yellow solid
Solubility	DMSO: >10mg/mL
TLC	R <sub>f</sub> = 0.33 (Dichloromethane:Methanol [9:1])
HPLC	Shows 98.4% purity
Microanalysis Carbon	Theoretical 54.83
Microanalysis Hydrogen	Theoretical 3.87
Microanalysis Nitrogen	Theoretical 8.72
<a href="#">1H NMR</a>	Pass test

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