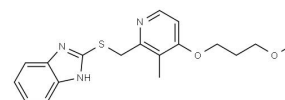


## Technical Data Sheet

### 2-[[4-(3-Methoxypropoxy)-3-methylpyridine-2-yl]methylthio]-1H-benzimidazole

#### Compound Information

<b>Product Name:</b>	2-[[4-(3-Methoxypropoxy)-3-methylpyridine-2-yl]methylthio]-1H-benzimidazole
<b>CAS No.:</b>	117977-21-6
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub> S
<b>Molecular Weight:</b>	343.45
<b>Storage:</b>	Store at 2 -8 °C
<b>Revision Date:</b>	2026-04-15



#### Analytical Information

Tests	Specifications
Description	Rabeprazole Related Compound E is the active metabolite of Rabeprazole and an orally active proton pump inhibitor that inhibits gastric acid secretion by interacting with (H <sup>+</sup> /K <sup>+</sup> )-ATPase in gastric lining cells. In addition, Rabeprazole Related Compound E
Form	Solid
Color	White to Off-White
Melting Point	120.5-121.50C
Assay by titration	≥ 98%
Purity by HPLC	≥ 98%
Solubility	DMSO 69 mg/mL
Atmosphere	Air
<a href="#">1H NMR</a>	Pass test

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