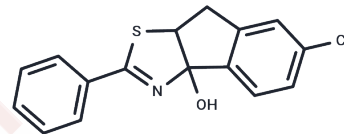


HMR-1426

## Chemical Properties

CAS No. : 262376-75-0  
 Formula: C<sub>16</sub>H<sub>12</sub>ClNOS  
 Molecular Weight: 301.79  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	HMR-1426 is gastric emptying inhibitor. HMR1426 shows an anorectic potential in rats and decreased body weight and fat mass. This was achieved solely by reducing food intake without influencing overall energy expenditure or behavior.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3136 mL	16.5678 mL	33.1356 mL
5 mM	0.6627 mL	3.3136 mL	6.6271 mL
10 mM	0.3314 mL	1.6568 mL	3.3136 mL
50 mM	0.0663 mL	0.3314 mL	0.6627 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Ortmann S, Kampe J, Gossel M, Bickel M, Geisen K, Jähne G, Lang HJ, Klaus S. The novel antiobesic HMR1426 reduces food intake without affecting energy expenditure in rats. *Obes Res.* 2004 Aug;12(8):1290-7. PubMed PMID: 15340112.

Bickel M, Gossel M, Geisen K, Jaehne G, Lang HJ, Rosenburg R, Sandow J. Analysis of the anorectic efficacy of HMR1426 in rodents and its effects on gastric emptying in rats. *Int J Obes Relat Metab Disord.* 2004 Feb;28(2):211-21. PubMed PMID: 14663491.

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