

## Anti-gastroenteritis natural Products

Catalog No: #L6600

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## Description

Product Name	Anti-gastroenteritis natural Products
Brief Description	<p>Gastroenteritis is inflammation of the lining of the stomach and small and large intestines. Most cases are infectious, although gastroenteritis may occur after ingestion of drugs and chemical toxins (eg, metals, plant substances). In the US, an estimated 1 in 6 people contracts foodborne illness each year. Worldwide, an estimated 1.5 million children die each year from infectious gastroenteritis.</p> <p>Compounds derived from natural products have demonstrated their effectiveness as therapeutic agents in different areas, such as cancer, aging, metabolic disorder, cardiovascular disease (controlling blood sugar), inflammation (gastroprotective effect), and neurologic disorders, etc. Gastrointestinal tract is where the natural products exert their bioactivities, such as modulating the movement of gastrointestinal tract, protecting stomach mucosa, keeping gut bacteria in balance, and interacting with intestinal immune system. Understanding the effects of natural products on gastrointestinal function is of significance to the treatment of related gastrointestinal diseases and drug screening.</p> <p>Anti-gastroenteritis Natural Product Library by SAB is a unique collection of 112 natural products related to gastroenteritis, an effective tool for research in gastric function and related diseases, drug screening.</p>
Storage	Powder or pre-dissolved DMSO solutions in 96 well plate with optional 2D barcode Shipped with dry ice

## Application Details

Number of Compounds: 112

## Product Description

A unique collection of 112 natural products related to gastroenteritis for high throughput screening (HTS) and high content screening (HCS); Effective tool for research in gastric function and gastric diseases, such as gastritis, gastric ulceration, Crohn's disease, ulcerative colitis, appendicitis, etc. Bioactivity and safety profiled in pre-clinical and clinical settings; Detailed compound information with structure, target, activity, IC50 value, and biological activity description; Structurally diverse, medicinally active, and cell permeable; NMR and HPLC validated to ensure high purity and quality

Note: This product is for in vitro research use only