

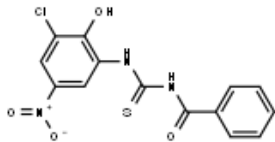
## Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC20506
Name	PIT-1

Tel: +86-21-58447131  
Fax: +86-21-61642470

Email:  
sales@dcchemicals.com  
order@dcchemicals.com

## Chemical Properties

CAS	53501-41-0
Formula	C <sub>14</sub> H <sub>10</sub> CLN <sub>3</sub> O <sub>4</sub> S
MW	351.76
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of PIT-1 is a complex molecule. It features a central benzene ring with a chlorine atom (Cl) at the 1-position and a hydroxyl group (OH) at the 2-position. A nitro group (NO<sub>2</sub>) is attached to the 4-position. A thioamide group (-NH-C(=S)-NH-) is attached to the 3-position. The nitrogen of this thioamide group is further substituted with a benzoyl group (-C(=O)-C<sub>6</sub>H<sub>5</sub>).</p>
Purity	>98%

Website:  
www.dcchemicals.com