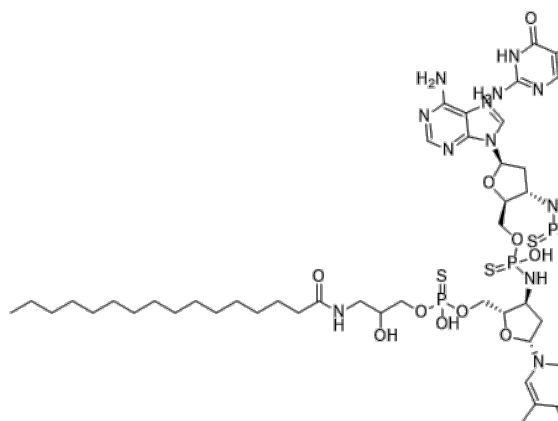


**Product Name** : Imetelstat  
**Cat. No.** : PC-22757  
**CAS No.** : 868169-64-6  
**Molecular Formula** : C<sub>148</sub>H<sub>211</sub>N<sub>68</sub>O<sub>53</sub>P<sub>13</sub>S<sub>13</sub>  
**Molecular Weight** : 4610.18  
**Target** : Telomerase  
**Solubility** : 10 mM in DMSO



## Biological Activity

Imetelstat (GRN163L) is a first-in-class, lipid-conjugated N3'→P5' thio-phosphoramidate oligonucleotide **telomerase** inhibitor with IC<sub>50</sub> of 0.45 μM, blocks the template region of telomerase.

## References

- Marian CO, et al. *Clin Cancer Res*. 2010 Jan 1;16(1):154-63.  
 Burchett KM, et al. *PLoS One*. 2014 Jan 7;9(1):e85155.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com