

Lead identification for retinal diseases using selective NO delivery compounds

Ulsan National Institute of Science & Technology



OPHTHALMOLOGY	Hit
Product Type	Chemical Product
Indication	Retinal vascular occlusion
Target	Nitric oxide (NO)
MoA(Mechanism of Action)	Spatiotemporally controllable NO transporter (metal-nitrosyl compounds)
Competitiveness	First in Class 1. Selective and controlled nitric oxide delivery using photo-reactivity 2. High chemical stability and low biotoxicity 3. Benefits of avoiding adverse effects from prolonged NO exposure
Development Stage	Hit
Route of Administration	Intravitreal injection