

Hydralase® Drug Delivery Platform

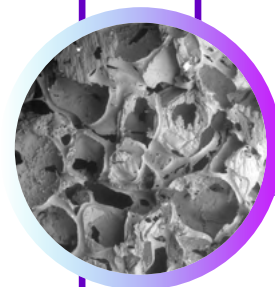
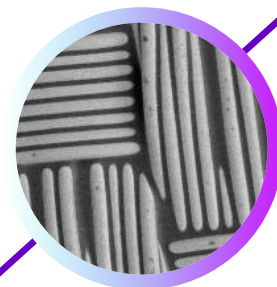
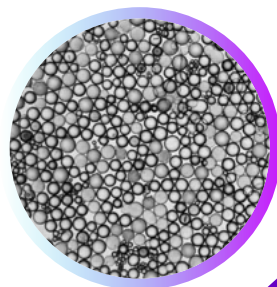
Solexis' Hydralase® polymer platform can be leveraged to enable innovative custom-developed solutions for complex long-acting drug delivery challenges. Our library of polymers provides the versatility needed to bring the right solution to market.

Benefits of the Hydralase Polymer Library:

- Tunable release kinetics and degradation profiles for 3-12+ months of release
- Can deliver small molecule active pharmaceutical ingredients and biologics
- Bioresorbable and biodegradable poly(glycerol ester) urethanes (PGEUs)
- Biocompatible with no residual inflammation or fibrous encapsulation
- Wide range of form factors manufacturable at ambient conditions
- Patent-protected platform for drug lifecycle extensions
- High drug loading (> 60% w/w)
- Zero-order release kinetics
- Minimal pH change during degradation
- Targeted release profile optimization through Digital Twin technology

Hydralase provides a range of form factors addressing multiple routes of administration:

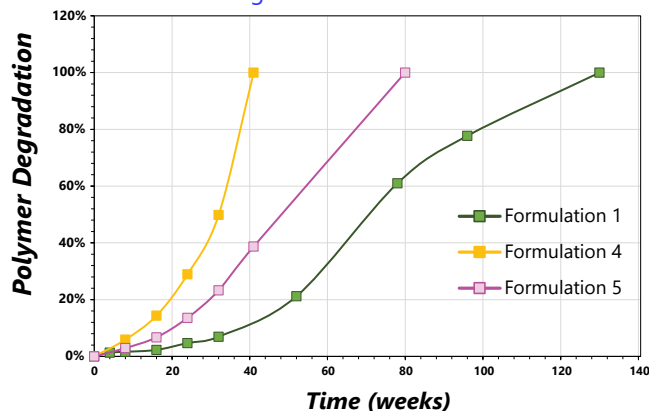
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| • Injectable solid implants | • Closed-geometry solid implants |
| • Injectable microspheres | • Other device concepts |
| • Coatings | • Foams |



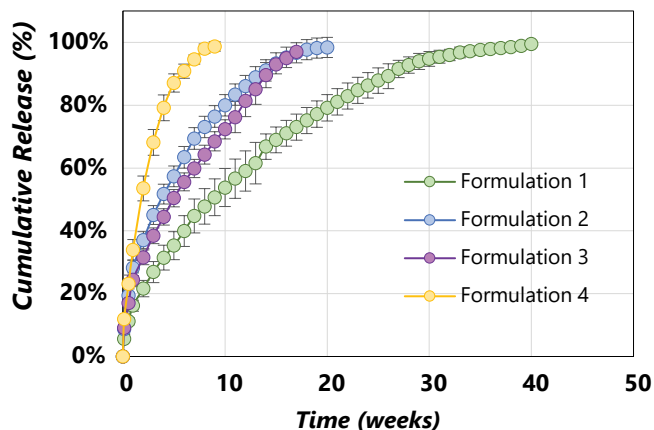
***In vitro* Release of 2'-deoxyadenosine with Hydralase**

- Release can be tuned between 10-40 weeks for a water-soluble small molecule API
- *In vitro* degradation can be tuned between 3-12+ months
- Formulations can be customized based on the API characteristics

In vitro Degradation of Unloaded Formulations

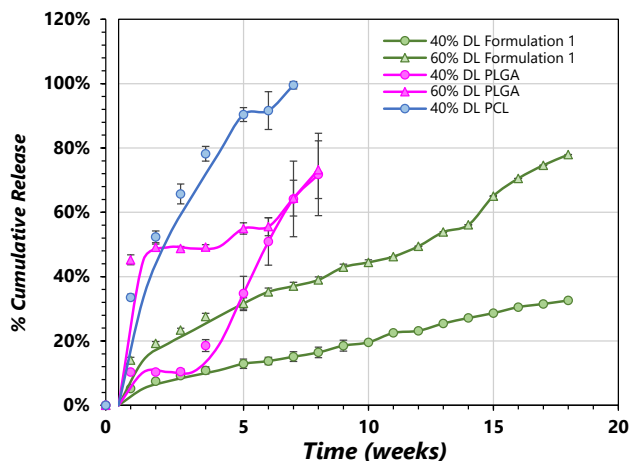


Cumulative Release from 40% Loaded Formulations



***In vitro* Release Comparison of PLGA, PCL, and Hydralase**

- Hydralase polymers show linear release with minimal burst as compared to PLGA and PCL



Ready to Spark Your Next Drug Delivery Innovation?

With decades of expertise in materials science, Solexis can help you solve your drug delivery challenges with custom polymer solutions.

- Decades of polymer expertise
- Proprietary patent-protected, biodegradable polymer platforms
- In-house analytical testing and method validation
- ISO-certified Class 7 & 8 cleanrooms

Learn more at solesis.com/pharma/drug-delivery.

Hydralase® — Engineered for Performance and Possibility

Hydralase is designed to meet your target product profile for drug delivery optimization. With a foundation in tunable polymer chemistry, Hydralase is ready to scale with your innovation.



Contact us at info@solesis.com. Scan for details.